

Katayam

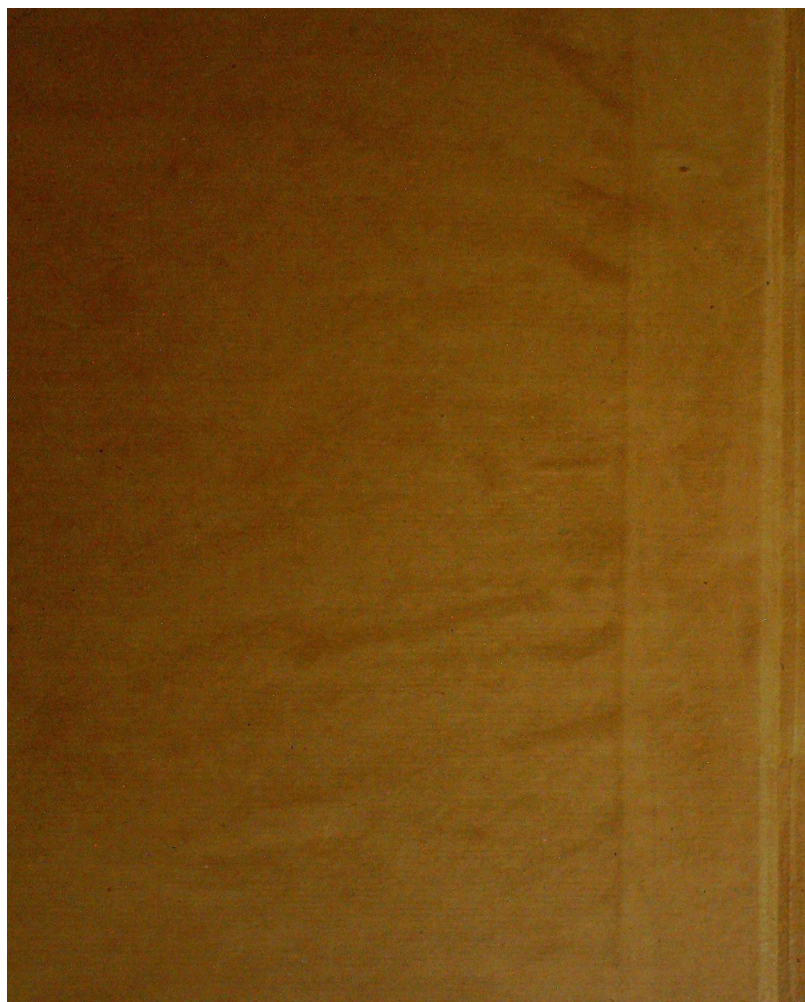
INDIAN RUBBER STATISTICS

Volume 12
1971



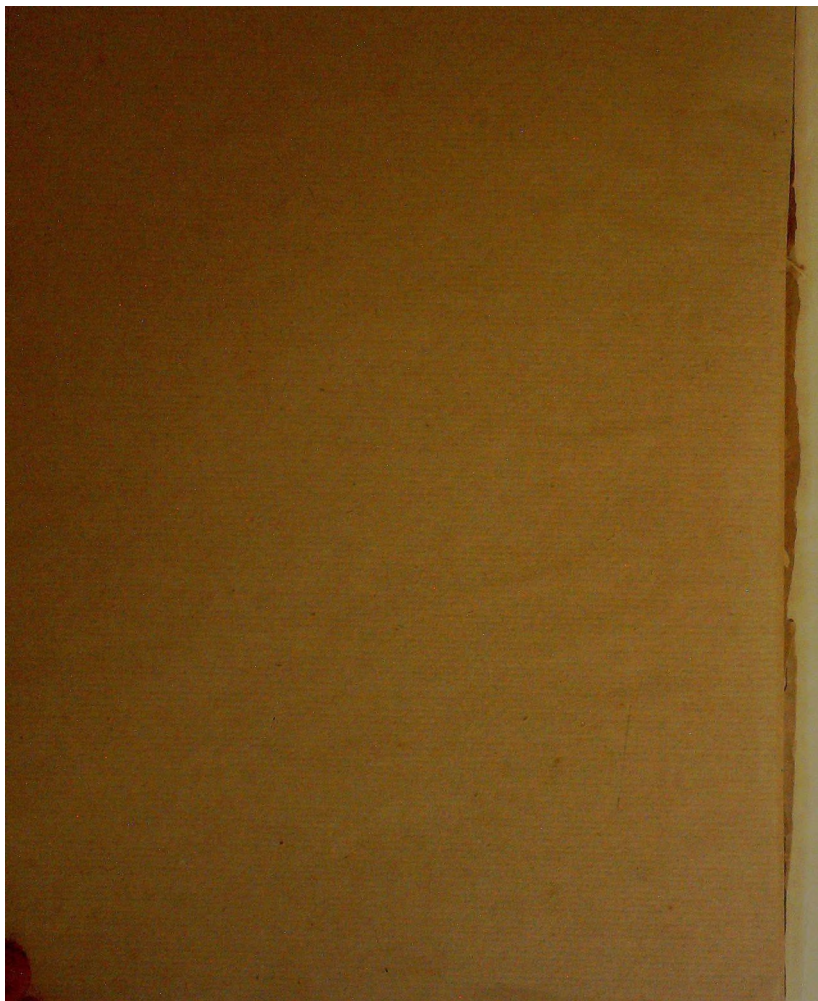
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THE STATISTICAL SECTION
OF THE
RUBBER BOARD

PUBLISHED BY
THE RUBBER BOARD
KOTTAYAM-9, KERALA STATE, INDIA

THE RUBBER BOARD
Kottayam-9, Kerala State, India

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 so far as the production and marketing of rubber. (2) Without prejudice to the generality of the foregoing provision the measures referred to therein may provide for :— (a) undertaking, assisting or encouraging scientific, technological or economic research ; (b) training students in improved methods of planting, cultivation, manuring and spraying ; (c) the supply of technical advice to rubber growers ; (d) improving the marketing of rubber ; (e) the collection of statistics from owners of estates, dealers and manufacturers ; (f) securing better working conditions and the provision 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.

The Board has a full-time Chairman, appointed by the Government of India and 24 other members representing various interests.

<i>Chairman</i>	:	T. V. SWAMINATHAN, I. A. S.
<i>Director of Research</i>	:	V. K. BHASKARAN NAIR
<i>Secretary</i>	:	T. V. JOSEPH

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The Rubber Board is a statutory body constituted by an Act of Parliament (XXIV of 1947) to promote the development of the Rubber Industry in India. The Board functions under the administrative control of the Ministry of Foreign Trade, Government of India. Collection of statistics relating to rubber is one of the functions of the Rubber Board under the Rubber Act. This publication, which is the twelfth in the series, was compiled from the statistics so collected.

The scope and coverage of the publication have been expanded. Certain tables have been renumbered and minor changes have been made in their order.

The area figures given in this publication are compiled from the registration records maintained by the Rubber Board and are actuals.

The data relating to production, consumption, indigenous purchase and stock are compiled from the various returns received from rubber growers, dealers and manufacturers of rubber goods. The import statistics of natural rubber and synthetic rubber are collected from the manufacturers. All these figures, except import and indigenous purchase include estimates also for those who have not submitted the specified returns.

It may be stated that the statistics published in this volume is drawn not only from the Board's records but also from various other sources as indicated in the tables themselves.

The attention of readers interested in current statistics of production, import, consumption etc. is drawn to the 'Monthly Statistics of Rubber' published by the Board.

Suggestions for improving the coverage and usefulness of the publication will be appreciated.

The co-operation extended by producers, dealers, manufacturers and other organisations, for making available the relevant data for inclusion in this publication, is gratefully acknowledged.

I record my appreciation of the great efforts taken by the Statistical Section under the competent leadership of Shri R. G. Unni, Statistician. Mention must also be made of the devoted endeavours of Smt. E. Lalitha Kumari, Statistical Officer.

Kottayam,
17-2-1972.

T. V. SWAMINATHAN, I. A. S.,
Chairman.

CONNOTATIONS of Certain Terms Used

Producer	: Owner of a rubber area who has got himself registered as owner of that area in the books of the Rubber Board.
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.
Newplanted area	: Land not previously planted with rubber.
Replanted area	: Land previously planted with rubber and planted again with rubber removing the old rubber trees.
High yielding area	: Area planted with clonal seedlings and clones (budgrafts) approved by the Rubber Board.
Tappable area	: Area which is estimated to be tappable.
Yield per hectare/acre	: Average yield per hectare/acre of tappable area.
Manufacturer	: A manufacturer of rubber goods who has taken out a licence from the Board for acquiring natural rubber.
Dealer	: A dealer in natural rubber who has taken out a licence from the Rubber Board for dealing in rubber. Under the Rubber Act all producers should get themselves registered as owners of their rubber area in the books of the Rubber Board and all dealers of natural rubber and all consumers of Rubber (manufacturers of rubber goods) should take out licences from the Rubber Board.
Natural Rubber	: Include the dry rubber content (drc) of all grades and qualities of natural rubber.
Synthetic rubber	: Include oil content of oil extended rubber and the total solid content of latices.
Reclaimed rubber	: Comprise both natural and synthetic reclaimed rubber.
Stocks	: Data for stock refer to the end of the period indicated.

Statistically Speaking.....

The progress of the rubber plantation industry during the last few years has been phenomenal.

The production of natural rubber which was only 25,697 tonnes in 1960-61 steadily increased to 81,953 tonnes in 1969-70 and to 92,171 tonnes in 1970-71. The annual rate of increase in production during 1969-70 and 1970-71 was 15.3% and 12.4% respectively. The yield per hectare has also increased steadily during the period.

The number of rubber growing units registered with the Board at the end of March, 1971 stood at 111,578, out of which 649 were estates of above 20.23 hectares (50 acres) in size. The registered area at the end of March, 1971 was 203,098 hectares. The share of estate sector in the total area during 1970-71 was 33%.

The area under high yielding varieties of rubber increased to 64.2% of the total area in 1970-71. In 1960-61 the corresponding percentage was only 35.8. The progress of replanting of old and low yielding areas with high yielding varieties of rubber continued to be poor.

The production of synthetic rubber which was 25,868 tonnes in 1968-69 increased to 28,689 tonnes in 1969-70 and to 29,791 tonnes in 1970-71.

During the last two years there has been a fall in the rate of increase in the consumption of rubber. The rate of increase in the total consumption of natural and synthetic rubber in 1969-70 and 1970-71 was 2.6% and 3.0% respectively as compared with 16.4% in 1968-69. The lower growth rate was mainly due to labour troubles in some tyre and non-tyre units and closure of some non-tyre units in West Bengal. The actual consumption of natural and synthetic rubber during the last three years was as follows:

	(Tonnes)		
	1968-69	1969-70	1970-71
Natural Rubber	86,615	86,213	87,237
Synthetic Rubber	27,238	30,636	33,160
	<u>113,853</u>	<u>116,849</u>	<u>120,397</u>

There has been an increase in the use of synthetic rubber from 23.9% in 1968-69 to 27.6% in 1970-71.

No licence was issued during 1970-71 for import of natural rubber. However 2469 tonnes of natural rubber arrived during 1970-71 utilising the licences issued during 1969-70. During the year 1970-71, 5014 tonnes of synthetic rubber were also imported. The import of natural and synthetic rubber during 1969-70 totalled to 17,821 tonnes and 4,736 tonnes respectively.

No licence for import of NR has been issued during 1971-72 either. The import of special purposes Synthetic Rubber is also canalised through the State Trading Corporation.

The maximum prices for various grades of natural rubber which were notified on 20th October, 1967 were rescinded with effect from 16th November, 1968. However, the minimum prices notified for the various grades on the same date continued to be in force till 12th/14th September, 1970 when they were revised upwards. The revised minimum price for RMA 1 grade rubber is Rs. 520 per 100 kgs. The minimum price prior to the revision for the same grade was Rs. 415 per 100 kgs.

There has been a general fall in the market price of natural rubber during the last two years mainly due to the low off take by the consumers. The price at Kottayam market for RMA 1 grade rubber when the ceiling was lifted on 16th November, 1968 was Rs. 515 per 100 kgs. The prices gradually improved and touched Rs. 607 by the end of March, 1969. Since then it steadily declined and reached Rs. 462/- when the notification of revised minimum prices was notified in September, 1970. After the notification of revised minimum prices a number of complaints have been received from rubber growers and their associations stating that the growers are finding it difficult to dispose their rubber at notified prices. To ensure availability of notified prices to growers the Government of India directed State Trading Corporation of India Ltd. to enter the market and to lift rubber at notified prices. The State Trading Corporation entered the rubber market on 26th October, 1970 and is purchasing rubber produced by small growers through co-operative marketing societies and other co-operative societies equipped with licences to deal in rubber. Till the end of March, 1971 State Trading Corporation purchased 5995 tonnes of natural rubber and sold 1825 tonnes to manufacturers of rubber goods.

On 16th November, 1969 Government of India fixed the prices of various grades of synthetic rubber produced in India under the Essential Commodities Act, 1955. The price fixed for Synprene-1500/1502 grade rubber is Rs. 440 per 100 kgs. (ex-works) which is less by Rs. 75 over the sales price prevailed prior to the fixation. On 25th April, 1970 Government of India directed the Tariff Commission to enquire into the fair selling prices of synthetic rubber and furnish its recommendation to the Government.

Export of manufactured rubber goods registered a steady increase during the last few years. During the year 1970-71 rubber goods worth Rs. 96.96 million were exported compared with Rs. 78.78 million in 1969-70 and Rs. 72.79 million in 1968-69.

World production of natural rubber during 1970 has been estimated by the International Rubber Study Group at 2895.0 thousand tonnes. It represents an increase of about 0.4% over the production during 1969. The supply and consumption of natural and synthetic rubber during 1970 have been estimated by the Group as follows:

	(In thousand tonnes)	
	<i>Natural</i>	<i>Synthetic</i>
Supply	2927.0	4902.5
Consumption	2992.5	4625.0

The supply figures include deliveries of about 33000 tonnes of natural rubber from Government stockpiles and additional imports of about 35000 tonnes of synthetic rubber from Eastern Europe. The estimate of synthetic rubber production and consumption do not include synthetic rubber produced in the USSR, in IRSG—non-member countries in Eastern Europe or in mainland China, except for such supplies recorded in import statistics of the rest of the world.

The price of natural rubber in Singapore market showed more or less an upward trend till the middle of August 1969. Since then it registered a downward trend. The average price for RSS 1 rubber in 1970 was 124.4 Singapore dollars (Rs. 306) per 100 kgs. compared with 153.9 Singapore dollars (Rs. 377) in 1969.

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TALUKWISE AREA UNDER RUBBER AT THE END OF 1970-71

NAME OF DISTRICT / TALUK (1)	HOLDINGS		ESTATES		TOTAL	
	No. of Units (2)	Area Hectares (3)	No. of Units (4)	Area Hectares (5)	No. of Units (6)	Area Hectares (7)
1. Trivandrum District						
1. Trivandrum	79	255	4	116	83	371
2. Nedumangad	2331	3925	22	985	2353	4910
3. Chirayinkil	202	318	...	...	202	318
4. Neyyaintinkara	826	1220	4	313	830	1533
Total	3438	5718	30	1414	3468	7132
2. Quilon District						
1. Quilon	66	144	...	...	66	144
2. Kottarakkara	1993	2781	9	294	2002	3075
3. Kunnathur	2450	3278	11	2265	2461	5543
4. Pathanapuram	4153	5014	37	4275	4190	9289
5. Pathanamthitta	7664	8003	31	5504	7695	13507
6. Karunagappally	3	4	...	...	3	4
Total	16329	19224	88	12338	16417	31562
3. Alleppey District						
1. Mavelikara	388	440	1	26	389	466
2. Thiruvalla	3297	2793	1	34	3298	2827
3. Chengannur	459	354	...	...	459	354
4. Karthikappally	3	4	...	...	3	4
5. Kuttanad	5	3	...	...	5	3
Total	4152	3594	2	60	4154	3654

(Continued)

Table 1 (Contd.)

NAME OF DISTRICT / TALUK (1)	HOLDINGS		ESTATES		TOTAL	
	No. of Units (2)	Area Hectares (3)	No. of Units (4)	Area Hectares (5)	No. of Units (6)	Area Hectares (7)
4. Kottayam District						
1. Kottayam	9726	7168	10	400	9736	7568
2. Meenachil	20507	19361	15	1030	20522	20391
3. Vaikom	2425	2007	1	28	2426	2035
4. Changanacherry	8927	8112	31	3709	8958	11821
5. Kanjirappally	6257	6380	28	1510	6285	7890
6. Peermade	1760	2055	18	3173	1778	5228
7. Devikulam	218	403	1	24	219	427
8. Udumbanchola	648	552	...	...	648	552
Total	50468	46038	104	9874	50572	55912
5. Ernakulam District						
1. Moovattupuzha	7537	8796	24	1309	7561	10105
2. Thodupuzha	6031	5860	11	2070	6042	7930
3. Kunnathunad	1897	3090	8	268	1905	3358
4. Alwaye	505	911	2	2585	507	3496
5. Parur	16	48	...	...	16	48
6. Kanayannur	1669	1594	1	28	1670	1622
Total	17655	20299	46	6260	17701	26559
6. Trichur District						
1. Trichur	232	623	7	1123	239	1746
2. Mukundapuram	499	1022	7	3460	506	4482
3. Thalappilly	489	1387	16	1264	505	2651
Total	1220	3032	30	5847	1250	8879

Table 1 (Contd.)

NAME OF DISTRICT / TALUK / STATE / TERRITORY (1)	HOLDINGS		ESTATES		TOTAL		
	No. of units (2)	Area Hectares (3)	No. of units (4)	Area Hectares (5)	No. of units (6)	Area Hectares (7)	
7. Palghat District							
1. Palghat	59	245	5	523	64	768	
2. Alathur	422	2240	19	971	441	3211	
3. Chittur	106	178	3	166	109	344	
4. Ottapalam	87	298	2	246	89	544	
Total	674	2961	29	1906	703	4867	
8. Malappuram District							
1. Manarghat	105	345	9	634	114	979	
2. Ponnani	39	189	2	69	41	258	
3. Perinthalmanna	852	2964	42	2599	894	5563	
4. Tirur	33	103	1	31	34	134	
5. Erand	1632	5388	53	4240	1685	9628	
Total	2661	8989	107	7573	2768	16562	
9. Kozhikode District							
1. Kozhikode	1837	4174	64	4720	1901	8894	
2. Quilandy	1297	2313	10	1506	1307	3819	
3. Badagara	518	1086	5	438	523	1524	
4. South Wynaad	478	829	11	449	489	1278	
Total	4130	8402	90	7113	4220	15515	
10. Cannanore District							
1. Cannanore	31	105	...	...	31	105	
2. North Wynaad	475	696	1	24	476	720	
3. Tellicherry	1971	3685	9	685	1980	4370	
4. Taliparamba	3929	6682	26	1404	3955	8086	
5. Hosdurg	1119	2294	19	1155	1138	3449	
6. Kasargod	80	230	4	160	84	390	
Total	7605	13692	59	3428	7664	17120	
Kerala State	Total	108332	131949	585	55813	108917	187762

Table 1 (Contd.)

NAME OF DISTRICT / TALUK / STATE / TERRITORY (1)	HOLDINGS		ESTATES		TOTAL	
	No. of units (2)	Area Hectares (3)	No. of units (4)	Area Hectares (5)	No. of units (6)	Area Hectares (7)
11. Kanyakumari District						
1. Thovala	23	103	7	915	30	1018
2. Kalakulam	1361	2055	13	2521	1374	4576
3. Vilavancode	1014	1750	17	1998	1031	3748
Total	2398	3908	37	5434	2435	9342
12. Madurai District						
Total	1	10	2	143	3	153
13. Nilgiris District						
Total	13	86	2	161	15	247
14. Coimbatore District						
Total	...	...	2	221	2	221
15. Salem District						
Total	2	23	...	...	2	23
16. Tirunelveli District						
Total	6	29	...	...	6	29
Tamil Nadu Total	2420	4056	43	5959	2463	10015
17. South Kanara District Total	148	219	9	2932	157	3151
18. Chickmagalur District Total	17	116	3	145	20	261
19. Coorg District						
Total	7	43	4	1253	11	1296
Mysore State Total	172	378	16	4330	188	4708
Andaman & Nichobar Islands Total	...	...	4	547	4	547
Andhra Pradesh						
Total	...	...	1	24	1	24
Goa Total	3	18	...	...	3	18
Maharashtra Total	1	16	...	...	1	16
Tripura Total	1	8	...	...	1	8
Grand Total	110929	136425	649	66673	111578	203098

Table 2

DISTRICTWISE TREND IN PLANTED AREA UNDER RUBBER

NAME OF DISTRICT/ STATE / TERRITORY	1961-'62						1963-'64						
	HOLDINGS		ESTATES		TOTAL		HOLDINGS		ESTATES		TOTAL		
	Units (2)	Area Hectares (3)	Units (4)	Area Hectares (5)	Units (6)	Area Hectares (7)	Units (9)	Area Hectares (10)	Units (11)	Area Hectares (12)	Units (13)	Area Hectares (14)	Units (15)
1. Trivandrum	988	2993	22	1155	1010	4148	1299	3446	27	1247	1326	4693	11597
2. Quilon	7951	12360	87	10408	8038	22768	9064	13408	94	11346	9158	24754	61169
3. Alleppey	2148	2204	12	1115	2150	2319	2386	2621	3	95	2589	2716	6711
4. Cochin	36141	34488	115	10316	36234	44744	11371	38039	3621	114	10389	38349	46660
5. Ernakulam	8684	12918	54	4808	8738	17726	10259	14603	54	4833	10313	19437	48031
6. Trichur	320	1145	26	5673	346	6818	16849	553	1638	28	5749	581	7387
7. Palghat	496	2141	58	3832	554	5973	14759	722	2883	67	4117	789	7000
8. Kozhikode	2784	7541	116	10869	2900	18410	45491	3222	8892	122	10941	3344	19833
9. Cannanore	2790	7174	50	2740	2840	9914	24498	3574	8496	56	3224	3630	11720
Kerala	62302	82924	530	49916	62832	132840	69309	92258	565	51051	69874	144209	356346
10. Kanyakumari	534	1718	33	3878	567	5596	13830	801	2245	35	3917	836	6162
11. Madurai	1	11	2	142	3	153	377	1	10	2	143	3	153
12. Nilgiris	11	84	2	161	13	245	605	11	84	2	161	13	245
13. Coimbatore	2	23	—	—	2	23	56	2	23	—	—	2	56
14. Salem	—	—	—	—	—	—	—	—	—	—	—	—	—
Tamil Nadu	548	1836	39	4402	587	6238	15414	815	2362	41	4442	856	6804
Mysore	17	127	10	1504	27	1631	4031	25	158	11	1396	36	1754
Andamans	—	—	1	171	1	171	422	1	8	1	171	1	171
Tripura	—	—	—	—	—	—	—	—	—	—	—	—	—
Maharashtra	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Total	62367	84887	550	55993	63447	140880	348121	70150	94786	618	58160	70768	152946

Table 2 (Contd.)

NAME OF DISTRICT STATE / TERRITORY	1965 '66						1967 '68					
	HOLDINGS		ESTATES		TOTAL		HOLDINGS		ESTATES		TOTAL	
	Units (16)	Area Hectares (17)	Units (18)	Area Hectares (19)	Units (20)	Area Hectares (21)	Units (23)	Area Hectares (24)	Units (25)	Area Hectares (26)	Units (27)	Area Hectares (28)
1. Trivandrum	1605	3734	28	1310	1633	5044	2373	4721	28	1294	2401	6015
2. Quilon	9934	14255	91	12153	10085	26437	12476	16076	92	11912	12568	27988
3. Alappay	39780	37471	114	10490	39894	47961	3378	3166	2	60	3380	3226
4. Kottayam	* 11463	16106	49	6255	11512	22361	45041	41481	111	10377	45152	51858
5. Ernakulam	825	2012	32	5886	708	7898	15266	18400	53	6491	15319	24891
6. Thrissur	676	3359	76	4810	901	8169	876	2461	33	5854	949	8315
7. Palghat	3592	9668	131	11620	3723	21388	1177	1943	4	12006	4603	22056
8. Kozhikode	4282	9557	58	3303	4340	12860	6154	11699	59	3377	6213	15076
9. Cannanore												37255
Kerala	74445	98992	581	55886	75026	154878	91205	113408	597	56242	91802	169650
10. Kanyakumari	1018	2574	35	4608	1053	7179	1426	3078	35	4603	1461	7681
11. Madurai	1	10	2	143	3	155	1	10	2	143	3	153
12. Nilgiris	11	84	2	221	13	245	11	84	2	161	13	245
13. Coimbatore	2	23	—	—	2	23	2	23	—	—	2	23
14. Salem	—	—	—	—	—	—	6	29	—	—	6	29
15. Tirunelveli	—	—	—	—	—	—	—	—	—	—	—	—
Tamil Nadu	1032	2691	41	5130	1073	7821	1446	3224	41	5128	1487	8352
Mysore												2063
Andamans	25	158	11	1596	36	1754	76	292	13	2868	89	3160
Tripura	—	—	3	236	3	236	—	—	3	388	3	388
Madhprashtra	1	8	—	—	1	8	1	8	—	—	1	8
Goa	1	16	—	—	1	16	2	18	—	—	2	18
Grand Total	85504	101865	636	62848	76140	164713	92731	116966	654	64626	93385	181592

Table 2 (Contd.)

NAME OF DISTRICT/ STATE / TERRITORY	1969-70						1970-71						
	HOLDINGS		ESTATES		TOTAL		HOLDINGS		ESTATES		TOTAL		
	Units (30)	Area Hectares (31)	Units (32)	Area Hectares (33)	Units (34)	Hectares (35)	Units (37)	Area Hectares (38)	Units (39)	Area Hectares (40)	Units (41)	Hectares (42)	Area (43)
1. Trivandrum	3191	5443	30	1417	3221	6860	3438	5718	30	1414	3468	7132	17624
2. Quilon	15066	18596	87	12403	3593	30999	16352	10224	88	12338	16417	31562	77991
3. Alleppey	3964	5467	2	10181	49430	3527	4152	3594	2	60	4154	3654	9029
4. Kottayam	47358	20101	49	6348	17377	26449	50468	46038	104	9874	50572	55912	138161
5. Thrissur	1149	2890	30	5854	1179	8744	21607	20299	46	6260	17701	26559	65829
6. Palghat	557	2223	26	1788	583	4011	1220	3032	30	5847	1250	8879	21939
7. Malappuram	2310	7634	110	7551	2420	15185	674	2961	29	1066	7053	14827	36927
8. Kozhikode	3936	8009	88	7125	4969	37520	2091	7573	104	7573	2768	16862	40926
9. Cannanore	7161	12850	58	3351	7219	16201	40033	8402	90	7113	4220	15515	38339
10. Kerala	104523	126400	589	56128	105112	182528	451034	108332	585	55813	108917	187762	463969
11. Kanyakumari	2144	3719	34	5454	2178	9173	22667	3908	37	5434	2435	9342	23084
12. Madurai	1	10	2	143	15	153	377	1	10	2	143	3	153
13. Nilgiris	13	86	2	161	15	247	611	13	86	2	161	15	247
14. Coimbatore	2	23	—	221	2	221	546	—	2	221	2	221	546
15. Salem	6	29	—	—	6	29	56	—	23	—	6	29	73
16. Tirunelveli	2166	3667	40	5979	2206	9846	24330	4056	43	5959	2463	10015	24747
Tamil Nadu													
Mysore	131	338	14	3402	145	3740	9240	378	16	4330	188	4708	11633
Andamans	—	—	4	547	4	247	1352	—	4	547	4	547	1352
Andhra Pradesh	—	—	—	—	—	—	—	—	—	—	—	—	60
Tripura	1	8	—	—	1	8	20	1	8	—	1	8	20
Maharashtra	1	16	—	—	1	16	40	1	16	—	1	16	40
Goa	3	18	—	—	3	18	44	3	18	—	3	18	44
Grand Total	166825	130647	647	66956	107472	196703	486060	110929	649	66673	111578	203098	501865

Table 3

STATEWISE DISTRIBUTION OF AREA UNDER RUBBER

YEAR	KERALA			TAMIL NADU		
	No. of Units (2)	Hectares (3)	Acres (4)	No. of Units (5)	Hectares (6)	Acres (7)
(1)						
1955-56	27133	78457	193872	81	3773	9323
1956-57	35473	88879	219624	120	4187	10346
1957-58	43783	99874	246793	184	4393	10856
1958-59	50005	109518	270625	255	4687	11581
1959-60	54822	116732	288450	361	5111	12631
1960-61	57260	122628	303021	437	5508	13610
1961-62	62832	132840	328254	587	6238	15414
1962-63	66206	137713	340296	724	6576	16250
1963-64	69874	144208	356346	856	6804	16813
1964-65	70917	146151	361147	896	7223	17848
1965-66	75026	154878	382710	1073	7820	19324
1966-67	81015	161074	398023	1249	8082	19970
1967-68	91802	169650	419216	1487	8352	20637
1968-69	98344	174734	431776	1626	9248	22854
1969-70	105112	182528	451034	2206	9846	24330
1970-71	108917	187762	463969	2463	10015	24747

AT THE END OF EACH YEAR

MYSORE			ANDAMANS & OTHERS			TOTAL		
No. of Units (8)	Hectares (9)	Acres (10)	No. of Units (11)	Hectares (12)	Acres (13)	No. of Units (14)	Hectares (15)	Acres (16)
16	1503	3713	3	134	331	27233	83867	207239
18	1578	3900	3	195	481	35614	94839	234351
19	1589	3927	1	171	422	43987	106027	261998
21	1594	3939	1	171	422	50282	115970	286567
23	1598	3949	1	171	422	55207	123612	305452
23	1598	3949	1	171	422	57721	129905	321002
27	1631	4031	1	171	422	63447	140880	348121
31	1689	4174	1	171	422	66962	146149	361142
36	1755	4337	2	179	442	70768	152946	377938
36	1755	4337	3	195	481	71852	155324	383813
36	1755	4337	5	260	643	76140	164713	407014
66	1844	4557	5	260	643	82335	171260	423193
89	3160	7809	7	430	1062	93385	181592	448724
112	3102	7665	8	430	1062	100030	187514	463357
145	3740	9240	9	589	1456	107472	196703	486060
188	4708	11633	10	613	1516	111578	205038	501865

Table 4

DISTRICTWISE CLASSIFICATION OF HOLDINGS AND

(AREA IN

NAME OF DISTRICT / STATE / TERRITORY (1)		HOLDINGS											
		2 hectares and below		Above 2 hectares and upto and including 4 hectares		Above 4 hectares and upto and including 6 hectares		Above 6 hectares and upto and including 10 hectares		Above 10 hectares		Total	
		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)
Trivandrum	2676	2308	470	1255	134	629	105	795	53	731	3438	5718	
Quilon	14290	10155	1297	3389	364	1749	218	1633	160	2298	16329	19224	
Alleppey	3846	2509	237	618	38	182	24	179	7	106	4152	3594	
Kottayam	46327	30332	3061	8011	569	2669	317	2360	194	2666	50468	46038	
Ernakulam	15589	11799	1427	3876	340	1603	180	1343	119	1678	17655	20299	
Trichur	787	803	220	609	114	560	54	405	45	655	1220	3032	
Palghat	276	268	125	346	99	460	88	649	86	1238	674	2961	
Malappuram	1295	1220	585	1563	337	1558	250	1889	194	2759	2661	8989	
Kozhikode	2810	2727	846	2051	242	1084	109	786	123	1754	4130	8402	
Cannanore	5545	5027	1326	3277	384	1708	194	1422	156	2258	7605	13692	
Kerala State	Total	93441	67148	9594	24995	2621	12202	1539	11461	1137	16143	108332	131949
Kanyakumari		1848	1214	295	776	121	554	75	553	59	811	2398	3908
Madurai		—	—	—	—	—	—	—	—	1	10	1	10
Nilgiris		4	5	4	11	1	6	—	—	4	64	13	86
Coimbatore		—	—	—	—	—	—	—	—	—	—	—	—
Salem		—	—	—	—	—	—	—	—	2	23	2	23
Tinnevely		1	1	3	7	—	—	—	—	2	21	6	29
Tamil Nadu	Total	1853	1220	302	794	122	560	75	553	68	929	2420	4056
Mysore State	Total	119	101	26	64	11	48	9	62	7	103	172	378
Andamans	Total	—	—	—	—	—	—	—	—	—	—	—	—
Andhra Pradesh	Total	—	—	—	—	—	—	—	—	—	—	—	—
Goa	Total	1	1	—	—	—	—	2	17	—	—	3	18
Maharashtra	Total	—	—	—	—	—	—	—	—	1	16	1	16
Tripura	Total	—	—	—	—	—	—	1	8	—	—	1	8
Grand Total		95414	68470	9922	25853	2754	12810	1626	12101	1213	17191	110929	136425

ESTATES ACCORDING TO SIZE AT THE END OF 1970-71
(HECTARES)

ESTATES																GRAND TOTAL
40 hectares and below		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				
No. of units (14)	Area (15)	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)	
21	638	9	776	—	—	—	—	—	—	—	—	30	1414	3468	7132	
44	1165	30	2545	4	1257	5	2539	2	1257	3	3575	88	12338	16417	31562	
2	60	—	—	—	—	—	—	—	—	—	—	2	60	4154	3654	
60	1754	30	1920	6	1532	5	2524	2	1305	1	839	104	9874	50572	55912	
24	729	18	1344	2	889	—	—	1	745	1	2553	46	6260	17701	26559	
9	239	15	1240	2	746	1	459	—	—	3	3163	30	5847	1250	8879	
10	271	19	1635	—	—	—	—	—	—	—	—	29	1906	703	4867	
54	1589	48	3876	3	720	1	521	—	—	1	867	107	7573	2768	16562	
44	1190	38	2700	5	1227	2	993	—	—	1	1003	90	7113	4220	13515	
24	699	34	2527	1	202	—	—	—	—	—	—	59	3428	7664	17120	
292	8334	241	18563	23	6573	14	7036	5	3307	10	12000	585	55813	108917	187762	
10	261	19	1363	4	1036	3	1271	—	—	1	1503	37	5434	2435	9342	
1	21	1	122	—	—	—	—	—	—	—	—	2	143	3	153	
—	—	2	161	—	—	—	—	—	—	—	—	2	161	15	247	
—	—	2	221	—	—	—	—	—	—	—	—	2	221	2	221	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	23	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	29	
11	282	24	1867	4	1036	3	1271	—	—	1	1503	43	5959	2463	10015	
4	107	5	365	2	610	3	1659	1	729	1	860	16	4330	188	4708	
1	24	3	523	—	—	—	—	—	—	—	—	4	547	4	547	
1	24	—	—	—	—	—	—	—	—	—	—	1	24	1	24	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	18	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	16	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	8	
309	8771	273	21318	29	8219	20	9966	6	4036	12	14363	649	66673	111578	203098	

Table 5

CLASSIFICATION OF HOLDINGS AND ESTATES ACCORDING

(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)
(1)										
1955-56	23364	18289	1948	5699	1475	12300	26787	36288	209	6781
1956-57	30492	22904	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	54694	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	8949
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	9556
1966-67	71095	55968	6558	19006	4035	33030	81688	108004	339	9993
1967-68	78789	56439	8726	22138	5216	38389	92731	116966	346	10191
1968-69	85353	61344	8952	22952	5145	38080	99450	122376	310	8813
1969-70	92004	65950	9466	24601	5355	40096	106825	130647	313	8955
1970-71	95414	68470	9922	25853	5593	42102	110929	136425	309	8771

TO SIZE AT THE END OF EACH YEAR

HECTARES)

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 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		
184	15661	34	9833	17	8533	4	2832	6	5937	449	48586	35614	94839		
183	15279	34	9692	15	7312	5	3438	7	6975	471	49196	43987	106027		
190	15696	33	9310	16	7881	5	3456	7	6921	497	50265	50282	115970		
203	16346	31	8614	16	7844	5	3437	7	6928	513	51229	55207	123612		
216	17812	29	8082	18	8768	5	3437	8	7841	547	53530	57721	129905		
223	18587	32	8889	18	8926	6	4089	7	6934	580	55993	63447	140880		
232	18956	32	8936	18	8926	6	4119	7	6934	600	56820	66962	146149		
235	19138	31	8669	19	9441	4	2662	9	8862	618	58160	70768	152946		
239	19945	30	8781	19	9472	4	2672	9	8901	626	53229	71852	155324		
248	20476	30	8551	19	9400	4	2696	10	12169	636	62848	76140	164713		
242	19808	32	8852	20	9737	4	2697	10	12169	647	63256	82335	171260		
241	19836	33	9171	19	9339	4	2697	11	13392	654	64626	93385	181592		
260	19854	34	8972	19	9190	4	2697	13	15612	640	65138	100090	187514		
264	20240	32	8498	21	10333	5	3307	12	14723	647	66056	107472	196703		
273	21318	29	8219	20	9966	6	4036	12	14363	649	66673	111578	203098		

Table 6

AREA UNDER HOLDINGS AND ESTATES AT THE END OF

(1)		1956-57	1957-58	1958-59	1959-60	1960-61	
		(2)	(3)	(4)	(5)	(6)	
HOLDINGS							
Ordinary		(Hectares Acres)	38924 96183	44406 109730	49243 121683	52049 128616	53632 132532
	High yielding	Budded	(Hectares Acres)	2016 4983	3096 7649	4057 10024	5063 12510
Clonal			(Hectares Acres)	5313 13128	9329 23053	12405 30654	15271 37735
		Total*	(Hectares Acres)	7329 18111	12425 30702	16462 40678	20334 50245
Total		(Hectares Acres)	46253 114294	56831 140432	65705 162361	72383 178861	76375 188728
ESTATES							
Ordinary		(Hectares Acres)	32855 81184	31280 77293	30641 75716	30291 74851	29719 73436
	High yielding	Budded	(Hectares Acres)	10382 25654	11595 28652	12231 30226	13011 32151
Clonal			(Hectares Acres)	5349 13219	6321 15621	7392 18264	7927 19589
		Total*	(Hectares Acres)	15731 38873	17916 44273	19623 48490	20938 51740
Total		(Hectares Acres)	48586 120057	49196 121566	50264 124206	51229 126591	53530 132274

* Includes unclassified area also, hence may not tally

EACH YEAR UNDER DIFFERENT PLANTING MATERIALS

1961-62 (7)	1962-63 (8)	1963-64 (9)	1964-65 (10)	1965-66 (11)	1966-67 (12)	1967-68 (13)	1968-69 (14)	1969-70 (15)	1970-71 (16)
57449 141954	58455 144446	59048 145911	58313 144095	57936 143163	57504 142095	59489 147000	59187 146254	61685 152426	60808 150260
6731 16631	7500 18534	8518 21049	9046 22352	10780 26639	12129 29970	13683 33811	14788 36542	16400 40525	18353 45351
20707 51169	23374 57757	27220 67262	28736 71008	33149 81912	36813 90966	42670 105439	47019 116186	51758 127897	56733 140190
27438 67800	30874 76291	35738 88311	37782 93360	43929 108551	50500 124788	57477 142029	63189 156143	68962 170408	75617 186853
84887 209754	89329 220737	94786 234222	96095 237455	101865 251714	108004 266883	116966 289029	122376 302397	130647 322834	136425 337113
29176 72095	28986 71626	27575 68139	26822 66279	24169 59723	19354 47825	17112 42285	15184 37521	13006 32138	12001 29655
14586* 36044	14853 36701	15572 38479	16384 40484	18783 46413	19178 47392	20005 49433	20364 50320	21618 53419	22571 55774
12231 30223	12981 32078	15013 37098	16023 39595	19896 49164	20610 50929	23450 57947	25204 62281	27352 67588	28799 71164
26817 66267	27834 68779	30585 75577	32407 80079	38679 95577	43902 108485	47514 117410	49954 123439	53050 131088	54672 135097
55993 138362	56820 140405	58160 143716	59229 146358	62848 155300	63256 156310	64626 159695	65138 160960	66056 163226	66673 164752

with the total of the previous two rows in all cases.

Table 7

NEWPLANTED AND REPLANTED AREA AT THE

(AREA IN

YEAR (1)	NEWPLANTED AREA				Total (6)
	Ordinary (2)	High yielding		Total (5)	
		Budded (3)	Clonal (4)		
1954-55	54439	6495	4437	10932	65371
1955-56	65228	6883	5583	12466	77694
1956-57	70492	7751	9430	17181	87673
1957-58	74276	9421	13902	23323	97599
1958-59	78367	10645	17497	28142	106509
1959-60	80673	11929	20228	32157	112830
1960-61	81675	12819	23200	36019	117694
1961-62	84942	14380	28638	43018	127960
1962-63	85748	15248	31484	46732	132480
1963-64	84912	16436	35994	52430	137342
1964-65	83371	17213	37257	54470	137841
1965-66	80223	19988	42139	62127	142350
1966-67	74917	21430	45396	66826	141743
1967-68	74694	23121	51826	74947	149641
1968-69	72402	24314	56760	81074	153476
1969-70	72697	26489	61803	88292	160989
1970-71	70783	28239	66342	94581	165364

Note : Columns 10 & 15 include unclassified areas also, hence may not

END OF EACH YEAR UNDER DIFFERENT PLANTING MATERIALS

HECTARES)

REPLANTED AREA					TOTAL AREA				
Ordinary	High yielding		Total	Total	Ordinary	High yielding		Total	Total
(7)	Budded	Clonal	Total		(12)	Budded	Clonal	Total	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
1077	4304	735	5039	6116	55516	10799	5172	15971	71487
1084	4340	749	5089	6173	66312	11223	6332	17555	83867
1287	4647	1232	5879	7166	71779	12398	10662	23060	94839
1410	5270	1748	7018	8428	75686	14691	15650	30341	106027
1518	5643	2300	7943	9461	79885	16288	19797	36085	115970
1667	6145	2970	9115	10782	82340	18074	23198	41272	123612
1676	6656	3879	10535	12211	83351	19475	27079	46554	129905
1683	6937	4300	11237	12920	86625	21317	32938	54255	140880
1693	7105	4871	11976	13669	87441	22353	36355	58708	146149
1711	7654	6239	13893	15604	86623	24090	42233	66323	152946
1764	8217	7502	15719	17483	85135	25430	44759	70189	155324
1882	9575	10906	20481	22363	82105	29563	53045	82608	164713
1941	9877	12027	27576	29517	76858	31307	57423	94402	171260
1907	10567	14294	30044	31951	76601	33688	66120	104991	181592
1969	10838	15463	32069	34038	74371	35152	72223	113143	187514
1994	11529	17307	33720	35714	74691	38018	79110	122012	196703
2026	12685	19190	35708	37734	72809	40924	85532	130289	203098

tally with the total of the previous two columns in all cases.

Table 8

AREA UNDER RUBBER AT THE END OF 1970-71 UNDER

(AREA IN

PLANTED	HOLDINGS					ESTATES			
	High yielding			Ordinary	Total	High yielding			Ordinary
	Budded (2)	Clonal (3)	Total (4)	(5)	(6)	Budded (7)	Clonal (8)	Total (9)	(10)
Earlier than									
In 1938-39	163	8	171	5185	5356	2643	101	2744	6039
" 1938-39	18	23	41	81	122	453	—	453	28
" 1939-40	109	10	119	205	324	823	188	1011	68
" 1940-41	116	27	143	234	377	642	171	813	35
" 1941-42	38	3	41	176	217	470	29	499	—
" 1942-43	66	82	148	515	663	775	137	912	204
" 1943-44	310	178	488	1866	2354	749	282	1031	485
" 1944-45	117	147	264	1510	1774	368	313	681	718
" 1945-46	130	60	190	1727	1917	148	930	1078	151
" 1946-47	33	59	92	877	969	236	243	479	204
" 1947-48	23	39	68	1320	1388	330	144	474	105
" 1948-49	7	34	41	1118	1159	259	49	308	49
" 1949-50	3	35	38	553	591	206	45	251	36
" 1950-51	12	43	55	560	615	298	156	454	111
" 1951-52	43	84	127	184	311	204	150	354	103
" 1952-53	16	171	187	463	650	368	175	543	99
" 1953-54	53	377	430	852	1282	358	350	708	52
" 1954-55	330	979	1309	2063	3372	514	489	1003	227
" 1955-56	646	2301	2947	5030	7977	312	709	1021	908
" 1956-57	1109	3564	4673	6026	10699	870	1037	1907	180
" 1957-58	1463	4885	6348	7081	13429	1135	1080	2215	323
" 1958-59	1546	4178	5876	5578	11454	928	913	1964	626
" 1959-60	1470	3526	5007	4097	9104	817	1158	2035	383
" 1960-61	1633	4342	5975	4307	10182	763	1719	2483	348
" 1961-62	1764	6308	8072	3969	12041	1079	3167	4327	59
" 1962-63	1956	5669	7625	3327	10952	729	2427	3219	177
" 1963-64	1263	3261	4524	297*	4821	1048	2194	3393	40*
" 1964-65	910	3092	4006	177*	4183	1357	1954	3638	103*
" 1965-66	676	3069	3745	247*	3992	993	2616	3722	37*
" 1966-67	665	3775	4440	295*	4735	645	2171	3269	—
" 1967-68	734	3073	3807	528*	4335	871	1611	2954	46*
" 1968-69	412	1712	2185	157*	2342	631	863	1878	—
" 1969-70	347	1165	1639	295*	1934	426	1111	1995	57*
" 1970-71	166	454	796	8*	804	123	117	856	—
Total	18353	56733	75617	60808	136425	22571	28799	54672	12001

Note:—Columns 4, 9 and 14 include unclassified areas also, hence may not

*Registered provisionally.

DIFFERENT PLANTING MATERIALS WITH THE YEAR OF PLATING

(HECTARES)

Total (11)	TOTAL					PLANTED (17)
	High yielding			Ordinary (15)	Total (16)	
	Budded (12)	Clonal (13)	Total (14)			
(11)	(12)	(13)	(14)	(15)	(16)	(17)
8783	2806	109	2915	11224	14139	Earlier than
481	471	23	494	109	603	In 1938-39
1079	932	198	1130	273	1403	" 1938-38
848	758	198	956	269	1225	" 1939-40
499	508	32	540	176	716	" 1940-41
						" 1941-42
1116	841	219	1060	719	1779	" 1942-43
1516	1059	460	1519	2351	3870	" 1943-44
1399	485	460	945	2228	3173	" 1944-45
1229	278	990	1268	1878	3146	" 1945-46
683	269	302	571	1081	1652	" 1946-47
579	359	183	542	1425	1967	" 1947-48
357	266	83	349	1167	1516	" 1948-49
287	209	80	289	589	878	" 1949-50
565	310	199	509	671	1180	" 1950-51
457	247	234	481	287	768	" 1951-52
642	384	346	730	562	1292	" 1952-53
760	411	727	1138	904	2042	" 1953-54
1230	844	1468	2312	2290	4602	" 1954-55
1929	958	3010	3968	5938	9906	" 1955-56
2087	1979	4601	6580	6206	12786	" 1956-57
2538	2598	5965	8563	7404	15967	" 1957-58
2590	2474	5091	7540	6204	14044	" 1958-59
2418	2287	4684	7042	4480	11522	" 1959-60
2831	2396	6061	8458	4555	13013	" 1960-61
4386	2843	9475	12395	4028	16427	" 1961-62
3396	2685	8096	10844	3504	14348	" 1962-63
3433	2311	5455	7917	337*	8254	" 1963-64
3741	2267	5046	7644	280*	7924	" 1964-65
3759	1669	5685	7467	284*	7751	" 1965-66
3269	1310	5946	7709	295*	8004	" 1966-67
3000	1605	4684	6761	574*	7335	" 1967-68
1878	1043	2575	4063	157*	4220	" 1968-69
2052	773	2276	3634	352*	3986	" 1969-70
856	289	571	1652	8*	1660	" 1970-71
66673	40924	85532	130289	72809	203098	Total

tally with the total of the previous two columns in all cases.

Table 9

NEWPLANTED AREA UNDER RUBBER AT THE END OF 1970-71 UNDER

(AREA IN

PLANTED	HOLDINGS					ESTATES				
	High Yielding			Ordinary	Total	High Yielding			Ordinary	
	Budded (2)	Clonal (3)	Total (4)	(5)	(6)	Budded (7)	Clonal (8)	Total (9)	(10)	
Earlier than										
1938-39	163	8	171	5182	5353	1878	101	1979	6035	
In 1938-39	18	23	41	79	120	133	—	133	28	
" 1939-40	99	10	109	198	307	483	188	671	41	
" 1940-41	116	27	143	226	369	321	171	492	—	
" 1941-42	23	3	26	176	202	—	6	6	—	
" 1942-43	56	82	138	502	640	16	113	129	128	
" 1943-44	310	178	488	1845	2333	703	282	985	428	
" 1944-45	117	147	264	1510	1774	204	313	517	504	
" 1945-46	130	60	190	1722	1912	148	903	1051	118	
" 1946-47	33	59	92	877	969	167	237	404	115	
" 1947-48	29	39	68	1320	1388	157	144	301	80	
" 1948-49	7	34	41	1114	1155	112	20	132	1	
" 1949-50	3	35	38	552	590	119	25	144	17	
" 1950-51	9	36	45	555	600	87	47	134	—	
" 1951-52	43	66	109	182	291	50	60	110	97	
" 1952-53	16	157	173	449	622	220	60	280	22	
" 1953-54	50	334	384	842	1226	206	236	442	52	
" 1954-55	308	926	1234	2036	3270	361	315	676	208	
" 1955-56	610	2182	2792	4989	7781	208	450	658	772	
" 1956-57	1023	3432	4455	5970	10423	605	938	1543	95	
" 1957-58	1283	4438	5721	6987	12708	736	922	1658	217	
" 1958-59	1298	3730	5028	5496	10524	581	540	1121	530	
" 1959-60	1164	2967	4131	4068	8199	473	834	1307	383	
" 1960-61	1467	3777	5244	4191	9435	500	1393	1893	348	
" 1961-62	1552	5411	6963	3946	10909	628	2521	3149	59	
" 1962-63	1690	4700	6390	3299	9689	476	1552	2028	177	
" 1963-64	1002	2519	3521	289*	3810	605	1493	2098	—	
" 1964-65	788	2417	3205	164*	3369	887	936	1823	—	
" 1965-66	525	1887	2412	232*	2644	434	926	1360	—	
" 1966-67	564	2477	3041	293*	3334	120	1195	1315	—	
" 1967-68	574	2320	2894	527*	3421	392	1013	1405	—	
" 1968-69	324	1247	1571	155*	1726	290	513	803	—	
" 1969-70	203	848	1051	294*	1345	196	899	1095	53*	
" 1970-71	111	367	478	8*	486	35	53	88	—	
Total	15708	46943	62651	60275	122926	12531	19399	31930	10508	

* Registered provisionally.

DIFFERENT PLANTING MATERIALS WITH THE YEAR OF PLANTING

HECTARES)

Total (11)	TOTAL				Total (16)	PLANTED (17)
	Budded (12)	Clonal (13)	Total (14)	Ordinary (15)		
8014	2041	109	2150	11217	13367	Earlier than
161	151	23	174	107	281	1938-39
712	582	198	780	229	1019	1938-39
492	437	198	635	226	861	1939-40
6	23	9	32	176	208	1940-41
257	72	195	267	630	897	1941-42
1413	1013	460	1473	2273	3746	1942-43
1021	321	460	781	2014	2795	1943-44
1169	278	963	1241	1840	3081	1944-45
519	200	296	496	992	1488	1945-46
381	186	183	369	1400	1769	1946-47
133	119	54	173	1115	1288	1947-48
161	122	60	182	569	751	1948-49
134	96	83	179	555	734	1949-50
207	93	126	219	279	498	1950-51
302	236	217	453	471	924	1951-52
494	256	570	826	894	1720	1952-53
884	669	1241	1910	2244	4154	1953-54
1430	818	2632	3450	5761	9211	1954-55
1638	1628	4370	5998	6065	12063	1955-56
1875	2019	5360	7379	7204	14583	1956-57
1651	1879	4270	6149	6026	12175	1957-58
1690	1637	3801	5438	4451	9889	1958-59
2241	1967	5170	7137	4539	11676	1959-60
3208	2180	7932	10112	4005	14117	1960-61
2205	2166	6252	8418	3476	11894	1961-62
2098	1607	4012	5619	289*	5908	1962-63
1823	1675	3353	5028	164*	5192	1963-64
1360	959	2813	3772	232*	4004	1964-65
1315	684	3672	4356	293*	4649	1965-66
1405	966	3333	4299	527*	4826	1966-67
803	614	1760	2374	155*	2529	1967-68
1148	399	1747	2146	347*	2493	1968-69
88	146	420	566	8*	574	1969-70
						1970-71
42438	28239	66342	94581	70783	165364	Total

Table 10

REPLANTED AREA UNDER RUBBER AT THE END OF 1970-71 UNDER

(AREA IN

PLANTED	HOLDINGS					ESTATES			
	High yielding			Ordinary	Total	High yielding			Ordinary
	Budded (2)	Clonal (3)	Total (4)			Budded (7)	Clonal (8)	Total (9)	
(1)				(5)	(6)				(10)
Earlier than									
1938-39	—	—	—	3	3	765	—	765	4
In 1938-39	—	—	—	2	2	320	—	320	—
" 1939-40	10	—	10	7	17	340	—	340	27
" 1940-41	—	—	—	8	8	321	—	321	35
" 1941-42	15	—	15	—	15	470	23	493	—
" 1942-43	10	—	10	13	23	759	24	783	76
" 1943-44	—	—	—	21	21	46	—	46	57
" 1944-45	—	—	—	—	—	164	—	164	214
" 1945-46	—	—	—	5	5	—	27	27	33
" 1946-47	—	—	—	—	—	69	6	75	89
" 1947-48	—	—	—	—	—	173	—	173	25
" 1948-49	—	—	—	4	4	147	29	176	48
" 1949-50	—	—	—	1	1	87	20	107	19
" 1950-51	3	7	10	5	15	211	109	320	111
" 1951-52	—	18	18	2	20	154	90	244	6
" 1952-53	—	14	14	14	28	148	115	263	77
" 1953-54	3	43	46	10	56	152	114	266	—
" 1954-55	22	53	75	27	102	153	174	327	19
" 1955-56	36	119	155	41	196	104	259	363	136
" 1956-57	86	132	218	56	274	265	99	364	85
" 1957-58	180	447	627	94	721	399	158	557	106
" 1958-59	248	448	848	82	930	347	373	843	96
" 1959-60	306	559	876	29	905	344	324	728	—
" 1960-61	166	565	731	16	747	263	326	590	—
" 1961-62	212	897	1109	23	1132	451	646	1178	—
" 1962-63	266	969	1235	28	1263	253	875	1191	—
" 1963-64	261	742	1003	8*	1011	443	701	1295	40*
" 1964-65	122	675	801	13*	814	470	1018	1815	103*
" 1965-66	151	1182	1333	15*	1348	559	1690	2362	37*
" 1966-67	101	1298	1399	2*	1401	525	976	1954	—
" 1967-68	160	753	913	1*	914	479	598	1549	46*
" 1968-69	88	465	614	2*	616	341	350	1075	—
" 1969-70	144	317	588	1*	589	230	212	900	4*
" 1970-71	55	87	318	—	318	88	64	768	—
Total	2645	9790	12966	533	13499	10040	9400	22742	1493

Note :—Columns 4, 9 and 14 include unclassified area also, hence may not

* Registered provisionally

DIFFERENT PLANTING MATERIALS WITH THE YEAR OF PLANTING

HECTARES)

Total (11)	TOTAL				Planted (17)
	Budded (12)	Clonal (13)	Total (14)	Ordinary (15)	
769	765	—	765	7	772
320	320	—	320	2	322
367	350	—	350	34	384
356	321	—	321	43	364
493	485	23	508	—	508
859	769	24	793	89	882
103	46	—	46	78	124
378	164	—	164	214	378
60	—	27	27	38	65
164	69	6	75	89	164
198	173	—	173	25	198
224	147	29	176	52	228
126	87	20	107	20	127
431	214	116	330	116	446
250	154	108	262	8	270
340	148	129	277	91	368
266	155	157	312	10	322
346	175	227	402	46	448
499	140	378	518	177	695
449	351	231	582	141	723
663	579	605	1184	200	1384
939	595	821	1691	178	1869
728	650	883	1604	29	1633
590	429	891	1321	16	1337
1178	663	1543	2287	23	2310
1191	519	1844	2426	28	2454
1335	704	1443	2298	48*	2346
1918	592	1693	2616	116*	2732
2399	710	2872	3695	52*	3747
1954	626	2274	3353	2*	3355
1595	639	1351	2462	47*	2509
1075	429	815	1685	7*	1691
904	374	529	1488	5*	1493
768	143	151	1086	—	1086
24235	12685	19190	35708	2026	37734
					Total

tally with the total of the previous two columns in all cases.

Table 11

**TOTAL AREA, TAPPABLE AREA, PRODUCTION AND AVERAGE
YIELD PER HECTARE / ACRE OF RUBBER**

YEAR	TOTAL AREA		TAPPABLE AREA		PRODUCTION	AVERAGE YIELD PER	
	Hectares (2)	Acres (3)	Hectares (4)	Acres (5)	Metric Tonnes (6)	Hectare (Kg) (7)	Acre (lb) (8)
1948-49	65376	161548	48100	118800	15394	320	286
1949-50	67913	167816	50100	123800	15944	318	284
1950-51	69001	170506	55800	137900	15830	284	253
1951-52	69279	171191	60500	149600	18067	298	266
1952-53	69924	172786	64400	159000	20496	318	284
1953-54	70271	173643	66100	163300	21588	326	291
1954-55	71487	176647	66800	165000	21774	326	291
1955-56	83867	207239	67200	166000	23730	353	315
1956-57	94839	234351	72200	178500	24060	333	297
1957-58	106027	261998	71000	175500	24534	345	308
1958-59	115970	286567	70300	173600	24169	344	307
1959-60	123612	305452	69800	172500	24173	346	309
1960-61	129905	321002	70300	173600	25697	365	326
1961-62	140880	348121	74300	183600	27446	370	330
1962-63	146149	361142	84000	207700	32239	384	342
1963-64	152946	377938	95500	236000	37487	393	350
1964-65	155324	383813	108500	268000	45616	420	375
1965-66	164713	407014	112700	278500	50530	448	400
1966-67	171260	423193	113500	280500	54818	483	430
1967-68	181592	448724	117700	290800	64468	548	489
1968-69	187514	463357	123300	304700	71054	576	514
1969-70	196703	486060	133100	328900	81953	616	550
1970-71	203098	501865	141200	348900	92171	653	582

Table 12

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	KERALA			TAMIL NADU			MYSORE			ANDAMANS & OTHERS		
	Tappable Area	Production	Yield per Hectare	Tappable Area	Production	Yield per Hectare	Tappable Area	Production	Yield per Hectare	Tappable Area	Production	Yield per Hectare
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1953-54	61570	19759	321	2921	1380	472	1452	412	284	134	37	276
1954-55	62160	19889	320	3029	1454	480	1444	396	274	134	35	261
1955-56	62399	21680	347	3204	1606	501	1444	406	281	134	38	284
1956-57	67394	21853	324	3259	1806	554	1449	365	252	134	36	269
1957-58	66198	22196	335	3265	1890	578	1449	425	293	110	23	209
1958-59	65415	22062	337	3222	1665	517	1506	425	282	110	17	154
1959-60	65007	21890	336	3185	1814	570	1506	437	290	110	32	291
1960-61	65355	23175	354	3305	2040	617	1483	452	305	110	30	272
1961-62	69269	24954	360	3421	2060	602	1501	402	268	110	30	272
1962-63	78516	29057	370	3901	2695	691	1527	447	293	110	40	363
1963-64	89529	33792	377	4319	3176	735	1487	468	315	171	51	298
1964-65	102125	41391	405	4678	3724	796	1407	481	342	171	20	—
1965-66	106623	46953	440	4721	3195	677	1365	382	280	—	—	—
1966-67	107298	50495	471	4812	3927	816	1390	396	285	—	—	—
1967-68	111400	59978	538	4908	4048	825	1395	434	310	24	8	—
1968-69	116935	66473	568	4958	4100	827	1365	470	344	24	11	—
1969-70	126358	76897	609	5339	4526	848	1386	516	372	24	14	—

Table 13

MONTHWISE PRODUCTION OF NATURAL RUBBER
(Metric Tonnes)

MONTHS (1)	1939-40 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	1654	1911	2100	2277	2675	3384	3720	4250	4745	5176	5602	6213
May	1878	1692	1943	2195	2879	3595	3970	4460	4802	5750	6570	7392
June	1040	1367	1300	2917	3276	4043	3980	4585	5209	5022	6370	6626
July	1940	2076	2010	2130	2757	3444	3883	3575	5075	3960	4850	5946
August	2057	2241	2071	2580	2960	3777	4215	3950	5358	5150	6620	7173
September	2238	2271	2698	2900	3490	3906	4525	3895	5480	6880	7615	8042
October	2495	2596	2800	2902	3524	4497	4985	5475	6068	7145	7770	8750
November	3037	3050	3200	3644	4350	5069	5750	6493	7245	7030	9297	10424
December	2946	3100	3477	3965	4560	5517	5975	6986	7208	9454	9770	11850
January	2438	2527	2828	3142	3735	4450	4980	5797	6693	7350	8464	9782
February	1155	1241	951	1152	1357	1520	1750	2047	2453	3187	3558	3718
March	1295	1625	2068	2435	1924	2414	2797	3305	4132	4950	5487	6255
Total	24173	25697	27446	32239	37487	45616	50550	54818	64468	71054	81953	92171

Table 14

DISTRICTWISE PRODUCTION OF NATURAL RUBBER
(Metric Tonnes)

DISTRICT/STATE (1)	1963-64 (2)	1964-65 (3)	1965-66 (4)	1966-67 (5)	1967-68 (6)	1968-69 (7)	1969-70 (8)
Trivandrum	835	1043	1293	1430	1724	2079	3413
Quilon	7350	8580	9274	9498	12397	12146	14447
Alleppey	294	390	445	528	805	936	1567
Kottayam	11093	13454	15226	16870	19473	21296	23973
Ernakulam	3475	4374	5193	5661	6375	8176	9442
Trichur	3344	3634	3935	3921	4444	4601	5037
Palghat	1086	1507	1923	2039	2425	3049	4218
Kozhikode	5430	7037	7850	8287	9421	9815	10120
Cannanore	885	1372	1814	2261	2914	4375	4680
Kerala State Total	33792	41391	46953	50495	59978	66473	76897
Outside Kerala	3695	4225	3577	4323	4490	4581	5056
Grand Total	37487	45616	50530	54818	64468	71054	81953

Table 15

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

Table 16

MONTHWISE IMPORT OF NATURAL RUBBER
(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	1271	930	1533	1498	1599	2202	1472	248	1885	165	1271	44
May	121	1596	1708	2188	2049	1898	2890	603	1872	62	2278	268
June	1330	2836	1443	2861	2605	1847	2877	271	1192	10	3182	33
July	1917	1654	2100	2455	3584	1924	1651	220	763	5	881	82
August	1663	1977	2863	1436	1614	1137	2286	747	1653	7	1979	891
September	1624	2374	2220	1629	1692	1323	2568	2459	804	12	3249	384
October	939	1895	2029	1871	2619	283	1189	3537	202	1548	1950	572
November	1054	1693	1720	2370	2415	1098	722	2007	53	637	1376	105
December	1501	4127	2034	2208	1968	849	214	5077	45	1850	696	52
January	468	1600	984	1496	1269	188	114	3910	8	361	595	13
February	1111	959	1645	1264	1921	1053	102	1450	751	1484	60	—
March	2288	1484	2249	2084	2940	1201	272	3015	323	2407	304	25
Total	15287	23125	22528	23360	26275	15003	16357	23544	9551	8548	17821	2469

Note: The figures are actuals as reported by manufacturers.

Table 17

GRADEWISE IMPORT OF NATURAL RUBBER

(Metric Tonnes)

GROUP (1)	1961-62 (2)	1962-63 (3)	1963-64 (4)	1964-65 (5)	1965-66 (6)	1966-67 (7)	1967-68 (8)	1968-69 (9)	1969-70 (10)	1970-71 (11)
1	2028	2065	3039	1340	1782	2888	1643	1232	1981	466
2	5064	3528	3156	1057	3628	9969	1207	3767	5536	559
3	1144	4935	7733	6093	4171	4035	1510	1300	3137	247
4	787	1575	2693	1247	1571	824	241	343	690	456
5	3798	1811	2213	798	1111	2765	2020	418	1826	490
6	9625	9363	7441	4319	3956	3063	2930	1488	4488	26
7	3	10	—	149	138	—	—	—	—	—
Latex (drc)	76	70	—	—	—	—	—	—	—	225
Sole Crepe	3	3	—	—	—	—	—	—	163	—
Total	22528	23360	26275	15003	16357	23544	9551	8548	17821	2469

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 : Precoagulated Crepe, Pale Latex Crepe 1 x, 1, 2 & 3 FAQ.
 Group 5 : Estate Brown Crepe Super 1 x
 Estate Brown Crepe 1 x & 2 x, Smoked Blanket and Remilled Crepe 2
 Group 6 : Estate Brown Crepe 3 x, Remilled Crepe 3 & 4
 Group 7 : Flat Bark.

Table 18

MONTHWISE PURCHASE OF INDIGENOUS NATURAL RUBBER BY MANUFACTURERS

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	1613	1708	1914	1877	1856	2291	2521	2397	3113	4334	4362	4846
May	1299	1695	1518	1653	1977	1963	2594	4619	5249	6078	5406	5635
June	1404	2314	1625	3407	2317	3136	3578	4282	4459	6372	5298	5801
July	3103	1692	1481	2169	3002	2987	4063	4354	4385	6603	5743	6310
August	1696	1757	1902	2320	2441	3502	3394	4410	3484	5561	5287	6036
September	1481	1763	1732	2102	2236	2872	4355	3838	5080	6859	5101	6558
October	2074	2939	2412	2038	2963	3867	4319	3012	5037	6276	5805	6226
November	2541	2326	3001	2650	3436	4024	5223	4165	6702	8551	7162	9315
December	2707	2800	2650	2533	2983	5417	6050	5341	6648	8054	8772	10558
January	1777	4231	3560	2839	2815	4570	4630	3342	6171	6683	8132	8030
February	2744	3500	3100	2933	3251	3729	5429	3326	6604	5293	5853	6439
March	1992	3213	2268	2966	3718	3633	3267	3759	5562	4593	5270	7124
Total	24431	29938	27143	29507	33195	41991	49423	46845	62494	75559	72191	82878

Note : The figures are actuals as reported by manufacturers.

Table 19

GRADEWISE PURCHASE OF INDIGENOUS NATURAL RUBBER BY MANUFACTURERS
(Metric Tonnes)

GROUP*	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1		15953	19958	19121	15942	28675	22311	22586
2		9677	11708	11211	13571	19207	22871	17331
3		2957	2495	3456	14370	6805	8001	18042
4		1716	1592	1513	1950	2061	1433	1411
5		3217	5072	4293	6879	8811	7424	9461
6		4218	3712	2590	3253	3700	3997	5636
7		301	97	284	88	550	699	1299
Scrap Grades		266	323	382	470	584	580	788
Latex (drc)		3465	4165	4058	4433	4996	5444	6278
Sole Crepe		221	213	122	116	112	72	138
Total		41991	49423	46845	62494	75259	72191	82878

Note: The figures are actuals as reported by manufacturers.

- * Group 1 : R, M, A, 1x & 1
 Group 2 : R, M, A, 2, 3 & Cuttings No. 1
 Group 3 : R, M, A, 2, 3 & Cuttings No. 2
 Group 4 : Preconsolidated Crepe, Pale latex Crepe 1x, 1, 2 and 3 F. A. O.
 Group 5 : R, M, C, S, 1x, E. B. C. 1x & 2x, Smoked Blanket and R. M. C. 2
 Group 6 : R, M, C, S, 2x, R. M. C. 1 & 4
 Group 7 : Flat Bar, K.

Table 20

MONTHWISE CONSUMPTION OF NATURAL RUBBER
(Metric Tonnes)

MONTHS	(Yours and Yourses)												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1957-60	3124	3471	3812	4211	4941	5002	5566	5082	5698	6852	7033	7127	
April	2967	3673	3631	4449	4852	4840	5490	4896	5986	7090	6491	6073	
May	3359	3797	4070	4371	4711	4711	5750	6153	7116	7496	7072	7072	
June	3450	3790	4316	4303	5570	5156	5750	5986	6153	7116	7496	7072	
July	3297	3795	3955	4273	5159	4983	5549	5986	6561	7154	7178	6957	
August	3834	3978	4409	4024	5119	5197	5370	5898	6583	7093	7695	7989	
September	2618	3383	3282	3579	4840	4390	4437	5274	5371	6816	5926	6269	
October	3434	4266	4471	4872	5228	5045	5275	5712	5866	7807	7539	8049	
November	4121	4976	4272	4898	5358	5484	5473	6745	6652	7468	7621	8392	
December	3305	4084	4181	4032	4937	5170	4995	5870	6168	7392	7160	7629	
January	3178	4051	4075	4477	5222	5268	4995	5870	6168	7392	7160	7629	
February	3355	4081	4271	4872	5222	5268	4995	5870	6168	7392	7160	7629	
March	3964	4419	4389	4913	5209	5911	5265	5896	6576	7437	7280	7469	
Total	40491	48148	48410	53553	61155	61057	63765	68685	74518	86615	86213	87237	

Table 21

GRADEWISE CONSUMPTION OF NATURAL RUBBER
(Metric Tonnes)

*GROUP (1)	1964-65 (2)	1965-66 (3)	1966-67 (4)	1967-68 (5)	1968-69 (6)	1969-70 (7)	1970-71 (8)
1	16690	20352	21680	19621	29413	23729	23357
2	11730	13754	19218	17270	22941	27214	21223
3	10701	7396	7680	14084	9965	9967	16444
4	3532	3388	2418	2510	2090	2145	2233
5	4251	5900	7151	8782	9392	8965	10012
6	9693	8079	5795	6093	6334	7958	6600
7	317	351	76	610	573	76	726
Scrap Grades	373	334	322	688	584	589	269
Latex (drc)	3547	4002	4181	4717	5148	5499	6206
Sole Crepe	223	209	164	143	175	71	167
Total	61057	63765	68685	74518	86615	86213	87237

*Group 1 : R. M. A. 1x & 1
 Group 2 : R. M. A. 2, 3, & Cutting No. 1
 Group 3 : R. M. A. 4, 5 & Cutting No. 2
 Group 4 : Precoagulated Crepe, P. L. C. 1 x, 1, 2, 3 F. A. O.
 Group 5 : E. B. C. S. 1 x, E. B. C. 1 x & 2 x, Smoked Blanket and R. M. C. 2
 Group 6 : E. B. C. 3 x, R. M. C. 3 & 4
 Group 7 : Flat Bark

Table 22

STOCK OF NATURAL RUBBER WITH ESTATES, DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH

MONTHS (1)	1960-61			1961-62			1962-63			1963-64		
	E & D (2)	M (3)	T (4)	E & D (5)	M (6)	T (7)	E & D (8)	M (9)	T (10)	E & D (11)	M (12)	T (13)
April	3647	4924	8571	2630	7066	9696	3541	7462	11003	4722	8096	12818
May	3684	4502	8186	2510	7206	9716	3246	7691	10937	5343	7551	12894
June	2969	5159	8128	2160	6302	8462	3589	8604	12193	5366	8637	14003
July	3180	4887	8067	2634	5622	8256	3269	9206	12475	5209	9615	14824
August	3448	5041	8489	3040	6195	9235	3200	8928	12218	5436	8803	14239
September	3962	5195	9157	3637	6107	9744	4485	8238	12723	6452	7850	14102
October	4217	6048	10265	4242	7049	11291	4141	9776	13917	6599	9006	15605
November	4835	5907	10742	4149	7971	12120	5005	10054	15059	7217	9925	17142
December	5453	7540	12993	4475	8884	13359	5723	10611	16334	7841	10473	18314
January	4735	8301	13036	3944	9046	12990	5188	10752	15940	8368	10013	18381
February	2620	8565	11185	3110	8401	11511	3942	9937	13879	6551	9886	16437
March	1466	8409	9875	2957	8482	11459	3585	9900	13485	5476	10616	16092

Note:

E — Estates
D — Dealers
M — Manufacturers
T — Total

Stock with manufacturers includes stock in transit also.

Table 22 (Contd.)

MONTHS (14)	1964-65			1965-66			1966-67			1967-68		
	E & D (15)	M (16)	T (17)	E & D (18)	M (19)	T (20)	E & D (21)	M (22)	T (23)	E & D (24)	M (25)	T (26)
April	5862	10267	16129	6825	6297	13122	6438	9190	15628	12663	13911	26574
May	6600	9612	16212	7706	6550	14256	7131	8773	15904	11822	15190	27012
June	6460	10338	16798	8256	7174	15430	7204	7808	15012	11675	15620	27295
July	6328	10281	16609	7258	7160	14418	5813	6997	12810	12461	14410	26871
August	6748	9165	15913	7649	7675	15324	6356	5215	11571	13074	14065	27139
September	7274	8795	16069	7589	9403	16992	6179	5756	11935	13886	12902	26788
October	7663	8649	16312	8325	10311	18636	8243	7428	15671	13827	13836	27663
November	7901	9855	17756	8670	11160	19830	9384	7657	17041	15438	13802	29240
December	8810	10300	19110	8430	12056	20486	10924	11544	22368	16111	13816	29927
January	8234	9716	17950	8362	12163	20525	12902	13241	26143	15253	15205	30458
February	6357	9415	15772	5875	11832	17707	11758	12233	23991	10886	16519	27405
March	5834	8260	14094	5733	10840	16573	11909	14069	25978	9195	16153	25348

Table 22 (Contd.)

MONTHS (27)	1968-69			1969-70			1970-71		
	E & D (28)	M (29)	T (30)	E & D (31)	M (32)	T (33)	E & D (34)	M (35)	T (36)
April	10375	13130	23505	6769	11253	18022	11557	19336	30093
May	9634	12748	22382	8130	12256	20386	11843	20617	32460
June	8611	11654	20265	8321	14121	22442	13071	18956	32027
July	6394	10483	16877	7925	12400	20325	13369	17729	31098
August	6380	8500	14880	9451	12285	21736	13925	18056	31981
September	8189	6893	15082	10632	14195	24827	16702	15595	32297
October	8001	8528	16529	10430	18184	28614	17768	17393	35161
November	7112	9358	16470	11326	20390	31716	19010	18647	37657
December	8555	11939	20494	11826	22739	34565	21318	20269	41587
January	8657	12087	20744	12417	24047	36464	22202	21518	43720
February	6297	12043	18340	11550	21707	33257	19013	21285	40298
March	5223	12999	18222	9883	21895	31778	18385	20724	39109

Table 23

MONTHWISE PRODUCTION OF SYNTHETIC RUBBER
(Metric Tonnes)

MONTHS (1)	1963-64 (2)	1964-65 (3)	1965-66 (4)	1966-67 (5)	1967-68 (6)	1968-69 (7)	1969-70 (8)	1970-71 (9)
April	36	2306	457	7	613	2357	3017	2953
May	405	1967	763	568	1635	2198	2349	2842
June	995	1131	2034	747	2347	2648	2993	2450
July	829	417	1472	2268	1901	1023	531	2790
August	940	—	2014	2338	440	2158	3	353
September	1832	130	2157	2553	678	2732	614	262
October	81	1035	2224	2234	2065	2332	3010	3068
November	1840	2061	2373	2798	2433	2299	3025	3740
December	—	1638	1247	2091	2942	2555	3506	2237
January	—	549	—	2051	2233	2826	3226	2664
February	—	399	—	2245	1624	1451	2991	2727
March	1117	—	—	2458	1031	1289	3424	3705
Total	8075	11633	14741	22358	19942	25868	28689	29791

Table 24

GRADEWISE PRODUCTION OF SYNTHETIC RUBBER
(Metric Tonnes)

GRADE (1)	1965-66 (2)	1966-67 (3)	1967-68 (4)	1968-69 (5)	1969-70 (6)	1970-71 (7)
S-1500	6670	7171	5775	4070	4918	5927
S-1502	1907	3633	3296	3644	6475	6847
S-1712	4384	8706	7300	13421	13221	12283
S-1958	1015	2066	3434	3708	4049	3917
S-1513	—	—	121	625	—	325
S-1514	—	697	—	278	—	—
S-1944	—	85	—	—	—	—
S-1714	61	—	—	115	—	—
S-1006	13	—	—	—	—	—
S-570	575	—	—	—	—	—
HSM	116	—	—	—	26	—
EPB	—	—	16	7	—	492
Total	14741	22353	19942	25868	28689	29791

Source: M/S. Synthetics & Chemicals Ltd.

Table 25

MONTHWISE IMPORT OF SYNTHETIC RUBBER

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	451	178	1022	1199	814	34	290	140	409	197	128	337
May	349	1064	495	682	1054	269	378	180	557	160	291	365
June	430	787	885	1074	1011	603	171	424	226	257	158	146
July	265	226	552	854	1292	480	219	422	105	236	306	321
August	335	447	473	331	967	395	215	405	168	308	493	649
September	375	777	880	1222	905	34	660	470	169	255	339	724
October	595	606	1179	1213	956	90	192	176	318	177	293	459
November	659	912	669	585	273	110	145	1270	355	354	363	391
December	377	1587	1304	1054	599	356	158	1175	285	226	233	295
January	342	837	990	781	131	435	83	454	209	336	387	389
February	840	339	874	514	430	171	113	300	163	202	778	463
March	700	337	778	788	380	338	111	190	163	201	987	475
Total	5718	8097	10121	10297	8812	3315	2735	5606	3127	2909	4736	5014

Table 26

MONTHWISE CONSUMPTION OF SYNTHETIC RUBBER

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	377	536	722	798	1007	1156	1524	1475	2259	1864	2576	2605
May	286	463	692	806	998	1042	1475	1226	1965	1734	2251	2136
June	320	555	805	822	998	1042	1600	1290	2095	1836	2563	2484
July	420	584	915	918	932	1150	2060	1763	2017	1988	2628	2746
August	405	578	895	896	989	1175	1885	1763	2077	2410	2444	2571
September	355	595	917	887	984	1224	1830	2036	2077	2148	2631	2851
October	429	654	933	790	893	1060	1770	2003	1644	2570	2199	2284
November	454	727	934	960	996	1322	1986	2278	1845	2543	2667	2832
December	463	787	886	940	1087	1602	1944	2458	2054	2570	2708	2832
January	397	679	907	940	1087	1602	1805	2257	1787	2667	2728	3151
February	463	716	847	927	1046	1307	1913	2435	1852	2628	2628	2955
March	603	823	948	939	1118	1557	1845	2516	1646	2711	2525	3125
Total	4964	7397	10186	10723	11959	15285	21553	23592	23324	27238	30636	33160

Table 27

GRADEWISE CONSUMPTION OF SYNTHETIC RUBBER

(Metric Tonnes)

GRADE (1)	1967-68 (2)	1968-69 (3)	1969-70 (4)	1970-71 (5)
Styrene Butadiene Rubber	20266	24198	26969	28118
Butyl	1688	1516	1812	2702
Nitrile	314	340	384	460
Polybutadiene	254	325	435	577
Latex (all types)	412	5	58	673
Others*	256	597	636	100
Total	23324	27238	30636	33160

* Include unclassified rubber also.

Table 28

STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	1700	2022	3380	3416	2396	2832	8082	3550	7579	8961	10297	13067
May	1763	2023	3380	3416	2442	2832	8082	3550	7579	8961	10297	13067
June	1873	2855	3263	3544	2474	3470	7745	3204	7783	9596	10501	14119
July	1718	2497	2900	3480	3059	3453	7853	3089	8173	10652	11100	14315
August	1648	2366	2498	2915	3128	3732	7759	4657	8222	9876	9315	14675
September	1588	2548	2461	3250	3254	3725	8734	4827	5680	7243	7240	10308
October	1617	2700	2947	3673	3800	3810	9382	5525	6343	10905	6873	12240
November	1813	3057	3465	3289	3509	3423	10080	7299	7126	11219	7596	13553
December	1961	3285	3657	3711	3871	4362	9393	7983	8274	11302	8540	12730
January	1906	3943	3158	3223	3471	4362	8916	8016	8916	11841	9445	12583
February	2283	3566	3185	2740	3074	4346	6933	8819	8358	9882	10586	12833
March	2380	3080	3015	2589	3012	5059	4875	8819	8358	9751	12548	13994

Note: Figures from the year 1965/66 onwards include the stock of producer also.

Table 29

YEARWISE IMPORT AND EXPORT OF RECLAIMED RUBBER

(Metric Tonnes)

YEAR	IMPORT	EXPORT
1960-61	3024	—
1961-62	3847	—
1962-63	3558	—
1963-64	3779	—
1964-65	2078	—
1965-66	179	20
1966-67	128	10
1967-68	21	10
1968-69	1	50
1969-70	21	183
1970-71	10	259

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

Table 30

MONTHWISE ACQUIREMENT OF RECLAIMED RUBBER BY MANUFACTURERS
(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	356	319	481	500	381	932	681	890	734	1314	900	1489
May	281	342	551	523	743	682	827	769	930	1153	1090	1142
June	578	509	556	535	768	849	905	786	1030	999	1092	1233
July	378	339	506	539	735	790	920	945	1073	919	1234	1241
August	365	435	578	691	611	655	757	1113	1144	1343	1190	1152
September	391	450	719	706	784	899	981	897	990	1206	1271	1090
October	240	376	464	521	649	629	596	1038	909	905	1157	1054
November	448	429	613	1016	984	710	985	934	1121	1090	1356	1280
December	655	659	483	409	625	856	861	1173	1193	1472	1447	1358
January	550	419	551	378	554	763	733	1130	922	1070	1266	1343
February	337	428	418	549	628	730	772	960	1153	1052	1242	1455
March	598	478	502	472	789	854	746	1000	1016	1210	1195	1649
Total	5177	5183	6422	6839	8251	9349	9764	11635	12215	13733	14440	15486

Note : Figures include import also

Table 31

MONTHWISE CONSUMPTION OF RECLAIMED RUBBER

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	373	425	467	424	660	775	765	775	911	1093	1235	1149
May	396	399	450	522	653	730	806	804	963	1199	1183	1036
June	396	425	485	610	617	755	866	820	1054	1178	1220	1273
July	398	446	507	614	677	750	853	950	1066	1235	1254	1231
August	412	418	489	576	687	750	853	950	1066	1242	1109	1176
September	383	388	544	654	660	775	775	836	995	1062	1196	1173
October	300	321	352	396	586	750	579	832	775	1057	1267	1291
November	455	437	487	666	650	786	805	950	997	1227	1355	1394
December	415	405	569	599	704	837	998	1119	1080	1315	1309	1348
January	466	501	522	560	683	711	711	925	975	1283	1207	1207
February	537	538	535	560	683	711	925	1076	963	1157	1214	1207
March	537	538	524	631	698	813	928	1076	963	1222	1144	1136
Total	4969	5453	6046	6850	7982	9369	9774	10913	11862	14169	14255	14348

Table 32

STOCK OF RECLAIMED RUBBER AT THE END OF EACH MONTH

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	839	958	808	1246	880	1585	1848	1925	2475	3163	2280	3415
May	764	901	909	1247	970	1537	2103	2040	2514	3125	2280	3415
June	951	888	990	1172	1121	1631	2075	1971	2492	2940	2059	3580
July	831	888	990	1097	1139	1606	1995	1920	2511	2628	2005	3606
August	892	888	990	1097	1139	1606	1995	1920	2511	2628	2005	3606
September	832	915	1275	1389	1187	1650	2144	2071	2624	2720	1970	3705
October	845	907	1401	1739	1384	1529	2191	2220	2791	2580	1959	3665
November	845	907	1401	1739	1384	1529	2191	2220	2791	2580	1959	3665
December	997	1003	1315	1549	1505	1472	2002	2185	3048	2750	2200	3955
January	1003	854	1192	1318	1332	1367	2135	2309	2944	2550	2973	4150
February	1003	854	1192	1318	1332	1367	2135	2309	2944	2550	2973	4150
March	1064	794	1170	1159	1428	1408	1850	2516	2916	2469	3023	4664

Table 33

PRODUCTION, IMPORT AND CONSUMPTION OF ALL KINDS OF RUBBER

(Metric Tonnes)

NA—Not Available

Table 34

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

(Metric Tonnes)

MONTHS (1)	1959-60 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)	1970-71 (13)
April	11735	10593	13076	14419	15214	18961	21204	19178	34153	32466	28319	43960
May	10830	10809	12899	14229	15368	19682	22001	19108	34795	31978	30887	46579
June	10011	10983	11725	15737	16656	20416	23283	18101	35468	30917	33542	46342
July	10263	10564	11156	15955	17883	20062	21953	16685	35093	26753	29640	45773
August	10616	10855	11733	15133	17367	19645	22083	16221	34035	24795	29096	45019
September	10583	11705	12205	15973	17556	19794	25726	16762	32468	25757	30551	43237
October	11623	12965	14238	17590	19405	20122	28018	21196	34006	27434	35487	47401
November	12514	13727	14777	18348	20651	21179	29910	24340	36366	27689	39312	51190
December	12754	16778	16434	19716	22185	22672	29879	30351	38201	31796	43105	54317
January	12402	16979	16148	19163	21844	22183	28580	34159	39374	32585	45909	56305
February	11866	14751	14696	16619	19511	20118	24050	32172	36159	29227	43843	53121
March	11381	12955	14454	16074	19104	19153	21448	34797	33706	27973	44326	53103

Note: Figures from the year 1965/66 onwards include the stock of Synthetic Rubber producer also.

Table 35

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

YEAR (1)	NATURAL				SYNTHETIC						
	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)
1956-57	24060	7341	31401	29998	+ 1403	6477	—	3134	3134	2866	+ 268
1957-58	24534	11357	35891	33074	+ 2817	9296	—	3014	3014	3161	- 147
1958-59	24169	12538	36707	35767	+ 940	10233	—	4229	4229	3477	+ 752
1959-60	24173	15287	39460	40491	- 1031	9201	—	5718	5718	4964	+ 754
1960-61	25697	23125	48822	48148	+ 674	9875	—	8097	8097	7397	+ 700
1961-62	27446	22528	49974	48410	+ 1564	11439	—	10121	10121	10186	- 65
1962-63	32239	23560	55599	53553	+ 2046	13485	—	10297	10297	10723	- 426
1963-64	37487	26275	63762	61155	+ 2607	16092	8075	8812	16887	11959	+ 4928
1964-65	45616	15003	60619	61057	- 438	14094	11633	3315	14948	15285	- 337
1965-66	50530	16357	66887	63765	+ 3122	16573	14741	2735	17476	21553	- 4077
1966-67	54818	23544	78362	68685	+ 9677	25978	22358	5606	27964	23592	+ 4372
1967-68	64468	9551	74019	74518	- 499	25348	19942	3127	23069	23324	- 255
1968-69	71054	8548	79602	86615	- 7013	18222	25868	2909	28777	27238	+ 1539
1969-70	81953	17821	99774	86213	+ 13561	31778	28689	4736	33425	30636	+ 2789
1970-71	92171	2469	94640	87237	+ 7403	39109	29791	5014	34805	33160	+ 1645

* Includes the stock of Synthetic Rubber Producer also.

Table 36

STATEWISE CONSUMPTION OF ALL KINDS OF RUBBER

(Metric Tonnes)

STATE / TERRITORY (1)	1965-66			1966-67			1967-68				
	Natural (2)	Synthetic (3)	Reclaimed (4)	Total (5)	Natural (6)	Synthetic (7)	Reclaimed (8)	Total (9)	Natural (10)	Synthetic (11)	Reclaimed (12)
West Bengal	27091	10234	6290	43615	28477	11277	6901	46655	31633	10638	7122
Maharashtra	16018	5886	1809	23713	16292	6511	1866	24669	15105	5335	1841
TamilNadu	9889	2768	1188	13845	10323	3258	1544	15125	12243	3105	1806
Punjab	—	—	—	—	1497	212	81	1790	1654	109	75
Haryana	4555	1901	95	6551	4245	1246	37	5528	4538	2469	103
Kerala	3353	517	293	4163	4794	807	381	5982	5443	1148	434
Delhi	1076	66	25	1167	1202	66	10	1278	1513	93	9
Gujarat	882	70	5	957	749	62	11	822	797	100	25
Uttar Pradesh	444	32	17	493	522	73	27	622	678	96	34
Mysore	242	72	52	366	343	75	55	473	604	218	413
Others	215	7	—	222	241	5	—	246	310	13	—
Total	63765	21553	9774	95092	68685	23592	10913	103190	74518	23324	11862

Table 36 (Contd.)

STATE / TERRITORY	1968-69				1969-70				1970-71			
	Natural (14)	Synthetic (15)	Reclaimed (16)	Total (17)	Natural (18)	Synthetic (29)	Reclaimed (20)	Total (21)	Natural (22)	Synthetic (23)	Reclaimed (24)	Total (25)
West Bengal	35088	11720	8042	54850	31686	12198	7507	51391	30988	11634	7015	48637
Maharashtra	20181	7415	3089	30685	20823	9272	3064	33159	19696	9897	3231	32824
TamilNadu	14179	3558	1860	19597	15754	3922	2235	21911	17548	5966	2628	26142
Punjab	1745	100	120	1965	2226	160	238	2624	2277	206	269	2752
Haryana	5578	2909	162	8649	5668	3126	187	8981	4475	2439	193	7107
Kerala	5374	973	428	6775	4922	1034	491	6447	6739	1798	380	9917
Delhi	2165	67	16	2248	2043	125	31	2199	1956	199	96	2251
Gujarat	794	77	20	891	1117	119	30	1266	1192	161	45	1398
Uttar Pradesh	593	50	27	670	917	83	51	1051	1160	153	59	1372
Mysore	532	332	378	1242	548	543	391	1482	631	609	358	1598
Others	386	37	27	450	509	54	30	593	575	98	74	747
Total	86615	27238	14169	128022	86213	30636	14255	131104	87237	33160	14348	134745

Table 37

VALUE OF RUBBER IMPORTED INTO INDIA FROM VARIOUS COUNTRIES

('000 Rs.)

COUNTRY (1)	1962-63 (2)	1963-64 (3)	1964-65 (4)	1965-66 (5)	1966-67 (6)	1967-68 (7)	1968-69 (8)	1969-70 (9)	1970-71 (10)
Natural Rubber									
Malaysia	25505	29985	14038	28386	30779	11329	15552	44277	5431
Singapore	33161	23335	15850	—	13680	5957	8278	7457	573
Ceylon	8796	12696	7953	8187	9464	4600	6073	10781	1879
U. S. A.	1440	2869	651	202	32849	2397	1927	10274	683
Canada	1	—	1208	326	3059	2651	863	239	1294
U. K.	519	126	361	377	557	184	6	395	39
Germany (w)	72	20	275	46	41	178	54	360	433
France	—	—	—	120	236	474	548	326	60
Belgium	—	—	—	—	—	—	1716	355	—
Others	75	5	69	13	46	113	12	92	213
Total	69569	69036	40405	37657	90711	27883	35029	74556	10605
Synthetic Rubber									
U. S. A.	20762	16488	4743	4182	5517	7339	5086	10720	9917
Canada	4191	5523	4792	3702	2527	2774	1724	4361	9390
Germany (w)	540	1040	1107	1274	5640	3169	2911	2131	3046
U. K.	773	639	589	780	1555	1388	1479	1731	1619
France	96	199	123	316	647	618	1216	906	592
Malaysia	865	57	64	231	18	122	71	94	—
Netherlands	443	212	42	3	—	15	74	40	40
Ceylon	191	—	—	168	—	115	300	—	—
Rumania	—	—	—	—	6930	—	—	—	—
Belgium	—	—	20	56	178	207	621	411	1126
Germany (E)	—	—	—	—	—	—	—	492	160
Japan	—	—	—	—	—	—	—	442	383
Hungary	—	—	—	—	—	—	—	107	297
Others	190	229	145	181	562	245	406	61	810
Total	28051	24387	11625	10893	23574	15992	13888	21496	27880
Reclaimed Rubber									
Germany (w)	363	309	387	87	213	34	—	—	8
Canada	—	—	—	—	125	26	—	—	—
U. K.	3438	2589	1302	141	9	5	2	27	—
U. S. A.	744	803	285	20	11	—	—	152	—
Netherlands	110	26	23	—	—	—	—	—	—
Czechoslovakia	—	310	203	11	—	—	—	—	—
Others	48	67	58	153	—	—	—	2	—
Total	4703	4104	2258	412	358	65	2	181	8

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

Table 38

**NOTIFIED PRICES OF VARIOUS GRADES OF NATURAL RUBBER THAT WERE IN
FORCE FROM TIME TO TIME SINCE 1947**

GRADE AND QUALITY OF RUBBER (1)	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 Rs. A. P. (2)	Minimum price Rs. A. P. (3)		Maximum price Rs. A. P. (4)	Minimum price Rs. A. P. (5)	
Group 1 RMA IX RMA 1	73 8 0 72 8 0	72 8 0 71 8 0		79 8 0 78 8 0	78 8 0 77 8 0	
Group 2 RMA 2 RMA 3 Cutting No. 1	71 0 0 69 8 0 68 8 0	70 0 0 68 8 0 67 8 0		77 0 0 75 8 0 74 8 0	76 0 0 74 8 0 73 8 0	
Group 3 RMA 4 RMA 5 Cutting No. 2	68 0 0 66 8 0 65 8 0	67 0 0 65 8 0 64 8 0		74 0 0 72 8 0 71 8 0	73 0 0 71 8 0 70 8 0	
Group 4 Pale Latex Crepe 1X Pale Latex Crepe 1 Pale Latex Crepe 2 Pale Latex Crepe 3 FAQ	76 0 0 74 0 0 73 0 0 72 0 0	75 0 0 72 0 0 72 0 0 71 0 0		82 0 0 80 0 0 79 0 0 78 0 0	81 0 0 79 0 0 78 0 0 77 0 0	
Group 5 Estate Brown Crepe 1X Estate Brown Crepe 2X Smoked Blank Remilled Crepe 2	68 0 0 66 0 0 68 0 0 66 0 0	67 0 0 65 0 0 67 0 0 65 0 0		74 0 0 72 0 0 74 0 0 72 0 0	73 0 0 71 0 0 73 0 0 71 0 0	
Group 6 Estate Brown Crepe 3X Remilled Crepe 3 Remilled Crepe 4	62 0 0 61 0 0 60 0 0	61 0 0 60 0 0 59 0 0		68 0 0 67 0 0 66 0 0	67 0 0 66 0 0 65 0 0	
Group 7 Flat Back 35% Normal Latex (excluding cost of containers)	51 0 0 73 8 0 Plus a Premium of Rs. 17.8.0 per 100 lbs. of cre	50 0 0 72 8 0 Plus a Premium of Rs. 17.8.0 per 100 lbs. of cre		57 0 0 79 8 0 Plus a Premium of Rs. 17.8.0 per 100 lbs. of cre	56 0 0 78 8 0 Plus a Premium of Rs. 17.8.0 per 100 lbs. of cre	
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	73 8 0 Plus a Premium of Rs. 43.0.0 per 100 lbs. of cre	72 8 0 Plus a Premium of Rs. 43.0.0 per 100 lbs. of cre		79 8 0 Plus a Premium of Rs. 43.0.0 per 100 lbs. of cre	78 8 0 Plus a Premium of Rs. 43.0.0 per 100 lbs. of cre	

Source: 1. Notification No. 19 (1) 1519/47 dated 15.12.1947 and
2. Notification No. 19 (1) 1519/48 dated 15.12.1948
issued by the Ministry of Industries & Supply, Govt. of India.

(Continued)

Table 38 (Contd.)

GRADE AND QUALITY OF RUBBER	From 1-11-48 to 27-5-49 (3) F. O. B. Cochin for 100 lbs.			From 28-5-49 to 26-7-50 (4) F. O. B. Cochin for 100 lbs.		
	Maximum price		Minimum price	Maximum price		Minimum price
	Rs.	A. P.	(7)	Rs.	A. P.	Rs. A. P.
Group 1 RMA 1X RMA 1	91 8 0	0	90 8 0	90 8 0	0	89 8 0
Group 2 RMA 2 RMA 3 Cuttings No. 1	89 0 0	0	88 0 0	89 0 0	0	88 0 0
Group 3 RMA 4 RMA 5 Cuttings No. 2	87 8 0	0	86 8 0	87 8 0	0	86 8 0
Group 4 Precoagulated Crepe Pale Latex Crepe 1X Pale Latex Crepe 1 Pale Latex Crepe 2 Pale Latex Crepe 3 Pale Latex Crepe 5 FAQ	86 0 0	0	85 0 0	86 0 0	0	85 0 0
Group 5 Estate Brown Crepe 1X Estate Brown Crepe 2X Smoked Blanket Remilled Crepe 2	84 8 0	0	82 8 0	84 0 0	0	83 0 0
Group 6 Estate Brown Crepe 3X Remilled Crepe 3 Remilled Crepe 4	94 0 0	0	93 0 0	94 0 0	0	93 0 0
Group 7 Fls. Bark 35% Normal Latex (excluding cost of containers)	92 0 0	0	91 0 0	92 0 0	0	91 0 0
	90 0 0	0	89 0 0	90 0 0	0	89 0 0
	86 0 0	0	85 0 0	86 0 0	0	85 0 0
	84 0 0	0	83 0 0	84 0 0	0	83 0 0
	80 0 0	0	79 0 0	80 0 0	0	79 0 0
	79 0 0	0	78 0 0	79 0 0	0	78 0 0
	78 0 0	0	77 0 0	78 0 0	0	77 0 0
	69 0 0	0	68 0 0	69 0 0	0	68 0 0
	91 8 0	0	90 8 0	91 8 0	0	90 8 0
	Plus a premium of Rs. 17.8.0 per 100 lbs. of crepe		Plus a Premium of Rs. 17.8.0 per 100 lbs. of crepe	Plus a Premium of Rs. 17.8.0 per 100 lbs. of crepe		Plus a Premium of Rs. 17.8.0 per 100 lbs. of crepe
	91 8 0	0	90 8 0	91 8 0	0	90 8 0
	Plus a Premium of Rs. 43.0.0 per 100 lbs. of die		Plus a premium of Rs. 43.0.0 per 100 lbs. of die	Plus a Premium of Rs. 43.0.0 per 100 lbs. of die		Plus a Premium of Rs. 43.0.0 per 100 lbs. of die

die : dry rubber content

(Continued)

Source : 3. Notification No. 19 (1)-LRP as dated 20.10.1948

4. Notification No. 19 (1)-LRP as dated 24.5.49 as issued by the Ministry of Industry & Supply, Govt. of India

Table 38 (Contd.)

GRADE AND QUALITY OF RUBBER	From 27.2-50 to 6-3.51 (9) F. O. B. Cebu for 100 lbs.			From 7.1-51 to 20.5-51 (6) F. O. B. Cebu for 100 lbs.		
	Maximum price Rs. A. P.			Maximum price Rs. A. P.		
	(10)	(11)	(12)	(12)	(13)	(13)
Group 1 RMA 1X	90 8 0	89 8 0	122 8 0	122 8 0	121 8 0	121 8 0
RMA 1	90 8 0	89 8 0	122 8 0	122 8 0	121 8 0	121 8 0
RMA 2	89 0 0	88 0 0	121 0 0	121 0 0	120 0 0	120 0 0
RMA 3	87 8 0	86 8 0	119 8 0	119 8 0	118 8 0	118 8 0
Cuttings No. 1	80 0 0	79 0 0	112 0 0	112 0 0	111 0 0	111 0 0
RMA 4	84 0 0	83 0 0	116 0 0	116 0 0	115 0 0	115 0 0
RMA 5	80 0 0	79 0 0	112 0 0	112 0 0	111 0 0	111 0 0
Cuttings No. 2	74 0 0	73 0 0	106 0 0	106 0 0	105 0 0	105 0 0
Group 2						
Preconcentrated Crepe	96 0 0	95 0 0	128 0 0	128 0 0	127 0 0	127 0 0
Pale Latex Crepe 1X	94 0 0	93 0 0	126 0 0	126 0 0	125 0 0	125 0 0
Pale Latex Crepe 1	92 0 0	91 0 0	124 0 0	124 0 0	123 0 0	123 0 0
Pale Latex Crepe 2	91 0 0	90 0 0	123 0 0	123 0 0	122 0 0	122 0 0
Pale Latex Crepe 3 FAQ	90 0 0	89 0 0	122 0 0	122 0 0	121 0 0	121 0 0
Group 3						
Estate Brown Crepe 1X	82 0 0	81 0 0	114 0 0	114 0 0	113 0 0	113 0 0
Estate Brown Crepe 2X	79 0 0	78 0 0	111 0 0	111 0 0	110 0 0	110 0 0
Smoked Blanket	82 0 0	81 0 0	114 0 0	114 0 0	113 0 0	113 0 0
Remilled Crepe 2	74 8 0	73 8 0	106 8 0	106 8 0	105 8 0	105 8 0
Group 4						
Estate Brown Crepe 3X	71 0 0	70 0 0	103 0 0	103 0 0	102 0 0	102 0 0
Remilled Crepe 3	69 0 0	68 0 0	101 0 0	101 0 0	100 0 0	100 0 0
Remilled Crepe 4	63 8 0	62 8 0	95 8 0	95 8 0	94 8 0	94 8 0
Group 5						
Flar Bark	55 0 0	54 0 0	87 0 0	87 0 0	86 0 0	86 0 0
35% Normal Latex (excluding cost of containers)	91 8 0	90 8 0	123 8 0	123 8 0	122 8 0	122 8 0
	Plus a Premium of Rs. 17.80 per 100 lbs. of crepe	Plus a Premium of Rs. 17.80 per 100 lbs. of crepe	Plus a Premium of Rs. 17.80 per 100 lbs. of crepe	Plus a Premium of Rs. 17.80 per 100 lbs. of crepe	Plus a Premium of Rs. 17.80 per 100 lbs. of crepe	Plus a Premium of Rs. 17.80 per 100 lbs. of crepe
Group 6						
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91 8 0	90 8 0	123 8 0	123 8 0	122 8 0	122 8 0
	Plus a Premium of Rs. 43.00 per 100 lbs. of crepe	Plus a Premium of Rs. 43.00 per 100 lbs. of crepe	Plus a Premium of Rs. 43.00 per 100 lbs. of crepe	Plus a Premium of Rs. 43.00 per 100 lbs. of crepe	Plus a Premium of Rs. 43.00 per 100 lbs. of crepe	Plus a Premium of Rs. 43.00 per 100 lbs. of crepe

Source : 5. Notification No. 19 (23-1-50 dated 25-7-1950)

6. Notification No. 19 (10-1-51 dated 19-1-51)

7. Notification No. 19 (10-1-51 dated 19-1-51)

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

(Continued)

Table 38 (Contd.)

GRADE AND QUALITY OF RUBBER	From 21-5-51 to 27-10-52 (7) F. O. B. Ceylon for 100 lbs.				From 28-10-52 to 14-5-53 (8) F. O. B. Ceylon for 100 lbs.			
	Maximum price		Minimum price		Maximum price		Minimum price	
	R.s.	A.	P.	R.s.	R.s.	A.	P.	R.s.
Group 1 RMA 1X RMA 1	128 128	0 0	0 0	127 127	0 0	138 138	0 0	137 137
Group 2 RMA 2 RMA 3 Cuttings No. 1	126 125 117	8 0 8	0 0 0	125 124 116	8 0 8	136 135 127	8 0 8	135 134 126
Group 3 RMA 4 RMA 5 Cuttings No. 2	121 117 111	8 8 8	0 0 0	120 116 110	8 8 0	131 127 121	8 8 0	130 126 120
Group 4 Precoagulated Crepe Pale Latex Crepe 1X Pale Latex Crepe 1 Pale Latex Crepe 2 Pale Latex Crepe 3 Pale Latex Crepe 5 FAQ	133 131 129 128 127	8 8 8 8 8	0 0 0 0 0	132 130 128 127 126	8 8 8 8 0	143 141 139 138 137	8 8 8 8 0	142 140 137 136 8
Group 5 Estate Brown Crepe Super 1X Estate Brown Crepe 1X Estate Brown Crepe 2X Estate Brown Crepe 3X Estate Brown Crepe 4X Remilled Crepe 2	119 116 115 112	8 8 8 0	0 0 0 0	118 113 111 111	8 8 0 0	129 126 122 122	8 8 0 0	128 126 121 121
Group 6 Estate Brown Crepe 3X Remilled Crepe 3 Remilled Crepe 4	108 106 101	8 8 0	0 0 0	107 105 100	8 8 0	118 116 111	8 8 0	117 115 110
Group 7 Flat Bark 35% Normal Latex (excluding cost of containers)	92 129 129	8 0 0	0 0 0	91 128 128	8 0 0	102 139 139	8 0 0	101 138 138
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	129	0	0	128	0	139	0	138

Source: 7. Notification No. SRO 759 dated 21-5-1951 and
8. Notification No. 49 (5) dated 14-5-1953 and
issued by the Ministry of Commerce & Industries, Govt. of India.

(Continued)

Table 38 (Contd.)

GRADE AND QUALITY OF RUBBER	From 15.2-55 to 31.9-55 (9) F. O. B. Cebu for 100 lbs.				From 24.9-55 to 31.5-51 (10)* F. O. B. Cebu for 100 lbs.			
	Maximum price		Minimum price		Maximum price		Minimum price	
	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
Group 1 RMA 1X	150	0	149	0	155	12	154	12
RMA 1	150	0	149	0	155	12	154	12
Group 2 RMA 2	148	8	147	8	154	4	153	4
RMA 3	147	0	146	0	152	12	151	12
Cuttings No. 1	139	8	138	8	145	4	144	4
Group 3 RMA 4	143	8	142	8	149	4	148	4
RMA 5	139	8	138	8	145	4	144	4
Cuttings No. 2	133	8	132	8	139	4	138	4
Group 4 Precoagulated Crepe	155	8	154	8	161	4	160	4
Pale Latex Crepe 1X	153	8	152	8	159	4	158	4
Pale Latex Crepe 1	151	8	150	8	157	4	156	4
Pale Latex Crepe 2	150	8	149	8	156	4	155	4
Pale Latex Crepe 3 FAQ	149	8	148	8	155	4	154	4
Group 5 Estate Brown Crepe Super 1X	145	8	144	8	151	4	150	4
Estate Brown Crepe 1X	141	8	140	8	147	4	146	4
Estate Brown Crepe 2X	138	8	137	8	144	4	143	4
Smoked Blanket	141	8	140	8	147	4	146	4
Remilled Crepe 2	134	0	133	0	139	12	138	12
Group 6 Estate Brown Crepe 3X	120	8	120	8	136	4	135	4
Remilled Crepe 3	128	8	127	8	134	4	133	4
Remilled Crepe 4	123	0	122	0	128	12	127	12
Group 7 Flat Bark	114	8	113	8	120	4	119	4
35% Normal Latex (excluding cost of containers)	151	0	150	0	156	12	155	12
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	151	0	150	0	Plus a premium of Rs. 17.8 0 per 100 lbs. of cre.	0	Plus a Premium of Rs. 17.8 0 per 100 lbs. of cre.	0
	Plus a Premium of Rs. 43.0 0 per 100 lbs. of cre.	0	Plus a Premium of Rs. 43.0 0 per 100 lbs. of cre.	0	156	12	155	12
					Plus a Premium of Rs. 43.0 0 per 100 lbs. of cre.	0	Plus a Premium of Rs. 43.0 0 per 100 lbs. of cre.	0

Source : 9. Notification No. 30 (5) Plant 52 dated 15-2-1955 and 10. Circular No. 1000 dated 15-2-1955.

* In the case of latex, the prices were effective only upto 2-5-50.

(Continued)

Table 38 (Contd.)

GRADE AND QUALITY OF RUBBER	From 3.9.60 to 31.3.61 (11) F. O. B. Cochin for 100 lbs.		From 1.4.61 to 31.3.62 (12) F. O. B. Cochin for 50 kgs.	
	Maximum price (22)	Minimum price (23)	Maximum price (24)	Minimum price (25)
Group 1 RMA 1X RMA 1			164.80 163.70	163.70 163.70
Group 2 RMA 2 RMA 3 Cuttings No. 1			163.15 161.50 153.23	162.05 160.40 152.13
Group 3 RMA 4 RMA 5 Cuttings No. 2			157.64 153.23 146.62	156.54 152.13 145.32
Group 4 Precongelated Crepe Pale Latex Crepe 1X Pale Latex Crepe 2 Pale Latex Crepe 3 Pale Latex Crepe 3 FAQ			170.87 168.66 168.66 165.38 164.26	169.77 167.56 167.56 164.26 163.16
Group 5 Estate Brown Crepe Super 1X Estate Brown Crepe 1X Estate Brown Crepe 2X Smoked Blanket Remilled Crepe 2			159.84 157.43 153.13 155.43 147.17	158.74 156.33 151.03 154.33 146.07
Group 6 Estate Brown Crepe 3X Remilled Crepe 3 Remilled Crepe 4			143.31 141.11 135.04	142.21 140.01 133.94
Group 7 Flat Bark Normal Latex upto 35% concentrates	Rs. 155.75 Plus a Premium of Rs. 17.50 per 10 lbs. of crepe,	Rs. 154.75 Plus a Premium of Rs. 17.50 per 100 lbs. of crepe,	125.67 164.80 Plus a Premium of Rs. 19.29 per 50 Kgs. of crepe,	124.57 163.70 Plus a Premium of Rs. 19.29 per 50 Kgs. of crepe,
Latex concentrates of 36% to 50% (both inclusive)	Rs. 155.75 Plus a Premium of Rs. 33/- per 100 lbs. of crepe,	Rs. 154.75 Plus a Premium of Rs. 33/- per 100 lbs. of crepe,	164.80 Plus a Premium of Rs. 36.38 per 50 Kgs. of crepe,	163.70 Plus a Premium of Rs. 36.38 per 50 Kgs. of crepe,
Latex concentrates of 51% to 60% (both inclusive)	Rs. 155.75 Plus a Premium of Rs. 43/- per 100 lbs. of crepe,	Rs. 154.75 Plus a Premium of Rs. 43/- per 100 lbs. of crepe,	164.80 Plus a Premium of Rs. 47.40 per 50 Kgs. of crepe,	163.70 Plus a Premium of Rs. 47.40 per 50 Kgs. of crepe,

Note : 1. Excluding cess.

Source : 11. Notification No. SO 3177 dated 1-9-1960 and

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

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

(Continued)

Table 38 (Contd.)

GRADE AND QUALITY OF RUBBER		From 28-4-62 to 15-12-63 (13) F. O. B. Cebu for 50 Kgs.	From 23-10-67 to 13-2-70 (15) F. O. B. Cebu for 100 Kgs.	From 14-2-70 onwards (17)
		Maximum price* Rs.	Minimum price* Rs.	Maximum price Rs.
Group 1	RMA 1X	162.60	161.50	413.00
	RMA 1	162.60	161.50	413.00
Group 2	RMA 2	160.95	159.85	412.70
	RMA 3	159.50	158.40	411.70
	Cuttings No. 1	151.03	149.93	408.40
				391.86
Group 3	RMA 4	155.44	154.34	400.68
	RMA 5	151.03	149.93	391.86
	Cuttings No. 1	144.42	143.32	379.64
				371.64
Group 4	Precoagulated Cripe	168.07	167.57	429.14
	Pale Latex Cripe 1X	166.46	165.36	427.14
	Pale Latex Cripe 2	164.26	163.16	425.14
	Pale Latex Cripe 3	162.06	160.96	413.12
	Pale Latex Cripe 3 FAQ	162.06	160.96	413.12
Group 5	Estate Brown Cripe Super 1X	157.64	156.54	413.92
	Estate Brown Cripe 1X	153.23	152.13	405.08
	Estate Brown Cripe 2X	149.93	148.83	396.26
	Remitted Cripe 1	153.23	152.13	396.26
	Remitted Cripe 2	144.97	143.87	379.74
Group 6	Estate Brown Cripe 1X	141.11	140.01	373.02
	Remitted Cripe 1	137.51	136.41	367.62
	Remitted Cripe 2	131.74	130.64	355.48
Group 7	Flat Bark	123.47	122.37	337.74
	Normal Latex upto 35% concentrates	122.37	121.27	336.74
		Plus a Premium of Rs. 19.29 per 50 Kgs. of drc	Plus a Premium of Rs. 38.58 per 100 Kgs. of drc	Plus a Premium of Rs. 77.16 per 100 Kgs. of drc
	Latex concentrates of 36% to 50% (both inclusive)	162.60	161.50	413.00
		Plus a Premium of Rs. 19.29 per 50 Kgs. of drc	Plus a Premium of Rs. 38.58 per 100 Kgs. of drc	Plus a Premium of Rs. 77.16 per 100 Kgs. of drc
	Latex concentrates of 51% to 60% (both inclusive)	162.60	161.50	413.00
		Plus a Premium of Rs. 19.29 per 50 Kgs. of drc	Plus a Premium of Rs. 38.58 per 100 Kgs. of drc	Plus a Premium of Rs. 77.16 per 100 Kgs. of drc
	Latex concentrates of 61% to 70% (both inclusive)	162.60	161.50	413.00
		Plus a Premium of Rs. 19.29 per 50 Kgs. of drc	Plus a Premium of Rs. 38.58 per 100 Kgs. of drc	Plus a Premium of Rs. 77.16 per 100 Kgs. of drc

Note : * Prices notified from 28-4-62 onwards exclude Cess & Safetax. On 14th Dec. 1962, the maximum and minimum notified prices of various grades of rubber concentrates were reintroduced. The minimum prices prevailed prior to decontrol (14) The Government's decision to lift the maximum price for rubber concentrates effective from 14th Sept. 1970. On 16th Nov. 1968, the maximum price for rubber concentrates was lifted. On 12th Sept. 1970, the price notified on 14th Sept. 70 for this group cover latex concentrates of above 60% also.

Source : (13) Notification No. SO 1374 dated 28-4-1962, issued by the Ministry of Commerce & Industry and (14) Notification No. SO 3772 dated 19-12-1963 (15) Notification No. SO 3772 dated 20-10-1967, issued by the Ministry of Commerce & Industry. (16) Notification No. SO 102 dated 16th Nov. 1968, issued by the Ministry of Commerce & Industry. (17) Notification No. SO 3119 dated 14th Sept. 1970 issued by the Ministry of Foreign Trade.

Table 39

MARKET PRICE OF INDIGENOUS NATURAL RUBBER

(Average Price in Rs. per 100 kgs for RMA 1 Grade Rubber in Kottayam)

MONTHS (1)	1965-66 (2)	1966-67 (3)	1967-68 (4)	1968-69 (5)	1969-70 (6)
April	318.80	628.00	397.10		599.10
May	318.80	634.38	374.38	Vide Foot Note	534.39
June	324.00	651.81	390.62		535.41
July	356.90	643.00	391.50		534.79
August	390.00	647.50	380.12		527.60
September	399.94	627.00	356.08		499.28
October	364.60	537.10	Vide Foot Note		491.90
November	396.75	466.25			494.48
December	418.50	516.40		560.14	507.38
January	550.60	481.50		579.08	498.09
February	600.00	450.00		551.07	484.28
March	527.50	423.75		593.64	483.68
Average	413.87	558.89	—	—	515.70

Note: Till 16th December 1963 maximum and minimum prices of rubber were under control (vide Table 38). On that date, Government lifted price control. However on 19th Dec. 1963 Govt. reintroduced minimum prices which were in force prior to decontrol. These minimum prices continued to be in force till 19-10-1967. Even after the removal of ceiling on the maximum, the prices remained more or less static till the middle of June 1965. Since then they showed an upward trend. The fluctuations in prices from April 1965 to Sept. 1967 are given in the table.

On 20th October 1967, Government revised minimum notified prices and introduced ceiling on the maximum prices also (Vide table 38). However on 16th November 1968, Government again lifted maximum ceiling prices. The variations in price since then are also given in the table.

Table 40

STRUCTURE OF NOTIFIED PRICE OF R. M. A 1 GRADE NATURAL RUBBER

DETAILS (1)	From 21.5.51 to 27.10.52	From 28.10.52 to 14.2.53	From 15.2.53 to 23.9.1955	From 24.9.55 to 31.3.1961	From 1.4.1961 to 19.10.1967	From 20.10.1967 to 11.9.1970	From 12.9.70 onward
	(Rs. per 100 lb) (2)	(Rs. per 100 lb) (3)	(Rs. per 100 lb) (4)	(Rs. per 100 lb) (5)	(Rs. per 100 lb) (6)	(Rs. per 100 lb) (7)	(Rs. per 100 lb) (8)
1. Cost of Production	70.42	85.36	188.19	85.36	188.19	242.69	343.50
2. Grade differential to equate cost of production to RMA 1 sheet rubber	4.75	10.47	4.75	4.75	10.47	3.78	3.78
3. Rehabilitation allowance	6.82	15.04	6.82	6.82	15.04	11.67	11.67
4. Ad hoc increase for cost and fund for rehabilitation	...	...	...	12.00	26.45	...	...
5. Return on employed capital	43.75	96.45	38.57	38.57	85.03	156.66	157.31
6. Total for RMA 1 sheet rubber to be retained by the growers	125.74	277.21	135.50	298.73	147.50	322.00	520.00†
7. Cess	0.50	1.10	0.50	1.10	6.25	30.00	30.00
8. Salestax	1.90	4.19	2.04	4.49	2.04	N A	N A
TOTAL	128.14	282.50	138.04	304.32	155.79	344.50	550.00
NOTIFIED PRICE	MAXIMUM	128.00	282.19	138.00	304.23	149.50*	520.008
	MINIMUM	127.00	279.99	137.00	302.03	148.50*	515.008

Note: *Excluding cess. From 28th April 1962 salestax was also removed from the price and the notified maximum and minimum prices for RMA 1 rubber were reduced to Rs. 325.20 and Rs. 323.00 per 100 Kg. respectively. On 16th Dec. 1963 Govt. lifted the maximum and minimum notified prices. But subsequently on 19th Dec. 1963 it reintroduced the minimum price which was in force prior to decontrol. The minimum price then fixed was in force till 19-10-67.

†Figures in columns 3, 5, 7, 9, & 10 give equivalent rates per 100 Kg./100 lb. as the case may be.

‡Rounded.

Table 41

PRICE OF INDIGENOUS STYRENE BUTADIENE SYNTHETIC RUBBER

(Ex-Bareilly Price Rs. per 100 kg.)

GRADE (1)	27-6-63 to 30-9-63 (2)	1-10-63 to 31-7-64 (3)	1-8-64 to 20-6-66 (4)	21-6-66 to 3-11-67 (5)	6-11-67 to 3-4-68 (6)	4-4-68 to 15-12-69 (7)	From 16-12-69 onwards (8)
S-570	—	—	385.00 (1)	435.00	—	—	—
S-1006	—	—	397.00 (2)	447.00	—	—	—
S-1500	440.00	405.00	385.00	435.00	460.00	515.00	440.00
S-1502	440.00	405.00	385.00	435.00	460.00	515.00	440.00
S-1712	410.00	350.00	340.00	390.00	415.00	465.00	390.00
S-1714	—	—	325.00 (3)	375.00	375.00	455.00 (5)	375.00
S-1958	—	—	565.00 (4)	615.00	680.00	680.00	680.00
S-1514	—	—	—	—	460.00	520.00 (6)	440.00
S-1513	—	—	—	—	—	520.00	445.00

Note : (1) Effective from Aug. 1965

(3)

(2) Effective from Feb. 1966

(4) Effective from June 1965

(5)

(6) Reduced to Rs. 400.00 from Dec. 1968

(7) Reduced to Rs. 515.00 from April 1969

Source : M/s. Synthetics and Chemicals Ltd.

Table 42

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

STATE / TERRITORY (1)	1964-65 (2)	1965-66 (3)	1966-67 (4)	1967-68 (5)	1968-69 (6)	1969-70 (7)	1970-71 (8)
Assam	—	—	—	—	4	4	4
Andhra Pradesh	9	8	6	8	15	15	15
Bihar	5	6	5	6	9	10	7
Delhi	120	110	125	140	153	168	153
Gujarat	44	40	52	53	59	76	78
Goa	—	—	1	1	1	1	1
Kerala	43	54	66	96	109	116	119
Haryana	—	—	—	58	48	52	65
Himachal Pradesh	—	—	—	1	2	—	—
Madhya Pradesh	8	5	6	10	6	10	15
Tamil Nadu	36	34	44	54	57	64	64
Maharashtra	161	162	178	185	197	208	230
Mysore	7	7	11	11	10	10	17
Orissa	—	1	1	2	2	3	2
Punjab*	173	172	200	162	182	201	201
Rajasthan	6	7	6	8	5	8	9
Uttar Pradesh	50	58	79	96	100	98	103
West Bengal	156	175	205	196	204	208	198
Tripura	—	—	—	—	1	—	—
Total	818	839	985	1087	1164	1252	1281

* Upto 1966-67 includes Haryana also.

Table 44

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

DISTRICT / STATE / TERRITORY (1)	1964-65 (2)	1965-66 (3)	1966-67 (4)	1967-68 (5)	1968-69 (6)	1969-70 (7)	1970-71 (8)
Kerala							
Trivandrum District	6	7	11	23	21	22	40
Quilon "	67	77	119	162	172	233	272
Alleppey "	16	17	25	33	32	39	38
Kottayam "	207	238	380	477	510	629	686
Ernakulam "	83	106	160	239	243	297	313
Trichur "	4	5	5	12	12	17	17
Palghat "	9	8	13	12	13	11	11
Malappuram "	...	...	...	...	...	4	16
Kozhikode "	24	26	41	63	76	88	71
Cannanore "	20	21	43	65	76	74	102
Sub Total	436	505	797	1086	1155	1414	1566
Delhi	23	24	38	43	50	56	61
West Bengal	20	22	28	37	45	46	53
Punjab	...	...	...	...	...	...	...
Haryana	13	16	23	27	27	26	25
Maharashtra	18	19	18	29	32	37	39
Tamil Nadu	16	14	15	25	25	29	31
Uttar Pradesh	2	3	7	5	6	6	7
Mysore	...	...	...	4	4	3	1
Andhra Pradesh	...	...	...	2	1	1	1
Gujarat	...	...	...	2	3	3	3
Himachal Pradesh	...	...	1	2	3	3	3
Madhya Pradesh	...	...	...	...	1	...	...
Grand Total	528	608	931	1263	1352	1624	1790

Table 45

DISTRIBUTION OF LICENSED DEALERS ACCORDING TO THEIR PURCHASES

GROUP SIZE IN M. TONNES (1)	1965-66 (2)	1966-67 (3)	1967-68 (4)	1968-69 (5)	1969-70 (6)
5 and below	160	306	537	485	564
Above 5 and upto and including 10	57	93	122	140	193
" 10 " 25	102	170	192	216	259
" 25 " 50	79	105	111	165	205
" 50 " 100	56	73	97	109	127
" 100 " 250	250	71	87	109	126
" 250 " 500	500	35	39	55	67
" 500 " 1000	1000	27	37	38	44
Above 1000	21	21	22	29	29
Total	608	931	1263	1352	1624

Table 46

PRODUCTION OF

YEAR	TYRES							
	Giant ('000s)	Motor Car ('000s)	Motor Cy- cle & Scooter ('000s)	Cycle ('000s)	Tractor (Nos)	Aero (Nos)	Cab ('000 Metres)	Off-the Road (Nos)
1956				6320	30768	3660	88.8	28032
1957				7152	47400	4476	94.8	46644
1958				8260	28896	2328	84.0	42072
1959				9511	35112	1836	64.8	41472
1960	919.2	343.2	98.4	10830	49476	2664	61.2	48900
1961	979.2	472.8	110.4	11346	48456	2652	39.6	71988
1962	1070.4	518.4	121.2	11940	56556	8064	49.2	90600
1963	1244.4	548.4	133.2	14186	43212	15660	60.0	85368
1964	1238.4	688.8	164.4	16156	74544	14052	49.2	94260
1965	1364.4	762.0	226.8	18132	94032	10440	27.6	117012
1966	1405.2	722.4	223.2	19639	90228	12480	9.6	118860
1967	1507.2	754.8	213.6	22338	92880	10392	9.6	119844
1968	1851.3	860.5	414.1	24620	148977	9494	6.0	144869
1969	2077.7	969.1	581.0	21611	177553	8255	13.0	192811
1970	2092.6	965.6	603.2	20989	186466	7002	5.6	176386

YEAR	RUBBER FOOTWEAR (Lakh pairs)	BELTING			HOSES		
		Fan Belts ('000s)	Industrial V. Belts ('000s)	Rubber Play Transmission and Conveyor Belting (M. Tonnes)	Radiator ('000s)	Vacuum Brake ('000s)	Other Types ('000 Metres)
1956	361.2	724.8	266.4	1680	248.4	552.0	2012
1957	369.2	652.8	451.2	1560	171.6	777.6	2432
1958	367.2	666.0	546.0	1944	168.0	602.4	2809
1959	392.4	1040.4	729.6	2388	214.8	470.4	3432
1960	446.4	1087.2	952.8	2400	248.4	345.6	3593
1961	451.2	1076.4	1014.0	3132	249.6	724.8	4632
1962	498.0	982.8	1312.8	2760	205.2	1113.6	5051
1963	465.6	1216.8	1519.2	3384	207.6	1920.0	5390
1964	470.4	1328.4	1779.6	4068	276.0	1220.4	6584
1965	530.4	1490.4	2035.2	5136	446.4	561.6	6848
1966	522.0	1707.6	2127.6	6096	524.4	566.4	6708
1967	549.6	2052.0	2647.2	5808	392.4	925.2	6028
1968	572.4	2230.5	3045.7	6405	358.4	955.9	6446
1969	492.9	2393.5	3239.0	5538	488.5	401.5	5697
1970	447.8	2341.3	3443.8	5596	470.3	773.3	5211

Note : The data relate to the organised sector only.
Source : " Monthly Statistics of the Production of Selected Industries of India " Published by the Central Statistical Organisation

RUBBER GOODS

TUBES

Giant ('000s)	Motor Car ('000s)	Motor Cycle & Scooter ('000s)	Cycle ('000s)	Tractor (Nos)	Aero (Nos)	A. O. V. (Nos)	Off-the Road (Nos)
			6373	30720	2292	37344	1836
			7027	45348	2136	64260	2328
			7854	31128	1140	55836	3348
817.2	360.0	104.4	9950	34968	1026	56856	2352
870.0	477.6	136.8	12676	50712	1080	64536	3264
951.6	541.2	150.0	12848	53724	2148	76860	4692
1161.6	686.4	182.4	11562	52752	2940	99504	5916
1254.0	717.6	237.6	13343	63144	3696	131112	7692
1288.8	784.8	291.6	15194	75180	4608	162540	9132
1226.4	703.2	277.2	17923	97032	2184	157284	10716
1494.0	946.8	313.2	20449	80880	1488	133452	8004
1569.0	964.6	454.3	19300	106872	1872	140976	9948
1523.7	847.9	513.0	18190	147698	1430	151261	9707
1706.7	1019.1	520.7	17064	159842	1187	217014	8714
			15841	181236	968	190670	9551

OTHER PRODUCTS

Rubber Components of Railway Fittings ('000s)	Ebonite Sheets, Roads & Tubes (M. Tonnes)	Water Proofed Fabrics ('000 Metres)	Latex Foam Sponge (M. Tonnes)	Camel Back (M. Tonnes)	Dipped Rubber Goods (lakhs)
1656.0	94.8	2353	806.4	2401	3125
1762.8	109.2	2813	886.8	2708	2376
1350.0	105.6	2959	1009.2	3212	2909
1260.0	115.2	3300	1087.2	4648	3470
638.4	133.2	3695	1261.2	5058	3888
1077.6	166.8	4732	1516.8	5928	3067
1080.0	124.8	4166	1683.6	5519	3076
1330.8	141.6	6467	1420.8	6789	3140
1156.8	132.0	4627	1056.0	6552	3076
963.6	146.4	3907	1111.2	8268	2842
523.2	109.2	3798	1051.2	8758	2207
621.6	109.2	4280	1178.4	10870	2198
274.8	53.7	4495	1193.8	11649	2350
135.7	10.2	2036	1200.7	13124	1102
127.9	7.8	2302	1125.6	13644	902

Table 47

VALUE OF RUBBER PRODUCTS EXPORTED

(Value in '000 Rs. Post Devaluation)

PRODUCTS (1)	1961-62 (2)	1962-63 (3)	1963-64 (4)	1964-65 (5)	1965-66 (6)	1966-67 (7)	1967-68 (8)	1968-69 (9)	1969-70 (10)	1970-71 (11)
1. Automobile tyres and tubes including tyre retreading materials	1175	5849	7629	22139	27482	31060	23238	33056	41138	55375
2. Beltings	194	30	104	315	122	466	393	690	1040	1637
3. Cycle tyres & tubes	2464	4055	3479	1658	2309	4467	6340	7618	4360	4364
4. Hoses	1460	633	1258	939	788	643	404	914	969	1883
5. Hygienic, medical and surgical articles of rubber including gloves	38	106	38	154	211	1678	4698	6337	5173	6183
6. Rubber footwear	731	529	711	783	789	518	460	596	2132	1587
7. Rubber soled footwear	7307	7219	7265	11357	13977	19234	15933	20076	19774	21573
8. with canvas upper						264	364	1007	2084	1463
9. Rubber coats and aprons for textile industry	160	241	103	277	66	332	524	201	309	471
10. Rubber sheetings	1604	773	955	1439	2579	1297	941	2290	1813	2423
Total	15133	19435	21542	39061	49895	59672	53495	72785	78783	96959

Source : Chemicals and Allied Products Export Promotion Council.

Table 48

CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS

(Metric Tonnes)

PRODUCTS (1)	1966-67 (2)	1967-68 (3)	1968-69 (4)	1969-70 (5)
1. Automobile tyres & tubes*	44238	44448	55739	59169
2. Cycle tyres & tubes	12569	13602	16636	16168
3. Beltings	14318	15441	16667	15963
4. Camel back	5500	6591	8213	8337
5. Cables	2453	2453	1384	1257
6. Latex foam	2532	2742	3027	3209
7. Dipped goods	1253	1674	2160	2291
8. Others	20297	22511	24196	24710
Total	103190	109704	128022	131104

* Include tractor, ADV, Aero & Off the Road also.

Table 49

REVENUE FROM EXCISE DUTY ON RUBBER

(Rupees)

YEAR (1)	Producers (2)	Manufacturers (3)	Total (4)
1956-57	2403955	—	2403955
1957-58	2056329	—	2056329
1958-59	2035055	—	2035055
1959-60	2099095	—	2099095
1960-61	2137300	—	2137300
1961-62	1533851	1832391	3366242
1962-63	531943	7001842	7533785
1963-64	884953	4268797	5153750
1964-65	192029	11163774	11355803
1965-66	246145	13313727	13559872
1966-67	333690	17086332	17420022
1967-68	191234	16083453	16274687
1968-69	153353	20366986	20520339
1969-70	47176	21311247	21358423
1970-71	6047	22792875	22796922

Note: 1. The rate of excise duty effective from 1947 has been as follows:

From	Period	Rate of duty
1-10-1947	to 31-7-1955	Rs. 0.50 per 100 lbs. (Rs. 1.10 per 100 Kgs. approximately)
" 1-8-1955	to 31-3-1958	Rs. 6.25 per 100 lbs. (Rs. 13.79 per 100 Kgs. approximately)
" 1-4-1958	to 31-3-1961	Rs. 13.80 per 100 Kgs.
" 1-4-1961	onwards	Rs. 30 per 100 Kgs.

2. Upto 31-3-1961 the excise duty was collected from producers of rubber. Since then it is collected from manufacturers. However excise duty on sole crepe is still collected from producers.

3. Col (3) includes collections from sole crepe producers also.

4. Figures for the period 1961-62 to 1970-71 under column (2) relate to the collection of arrears from producers.

Table 50

REVENUE FROM PRICE DIFFERENCE ON IMPORTED RUBBER

(Rupees)

YEAR	Amount collected
1957-58	1191658
1958-59	6249559
1959-60	188691
1960-61	8882
1961-62	63088
1962-63	2104798
1963-64	584808
1964-65	24462
1965-66	483526
1966-67	6351
1967-68	218989
1968-69	Nil
1969-70	Nil
1970-71	Nil

Note: From 1956-57 onwards, the Board is collecting the difference between the landed cost of imported natural rubber and the Indian controlled price whenever the former is less than the latter.

Table 51

RATES OF AGRICULTURAL INCOME TAX AND SUPER TAX IN FORCE IN KERALA, TAMIL NADU AND MYSORE IN 1970-71
AGRICULTURAL INCOME TAX

KERALA*		TAMIL NADU†		MYSORE	
	Rate		Rate		Rate
I. In the case of a Person other than a Company					
(A) Where the total agricultural income does not exceed Rs. 10,000				(1) On the first Rs. 1500 of the total agri. income	NIL
(i) Where the total agri. income does not exceed Rs. 7500,	Rs. 175	(2) On the next Rs. 1000	5 P	(2) On the next Rs. 3500	3 P
(ii) Where the total agri. income exceeds Rs. 7500 but does not exceed Rs. 10,000	Rs. 400	(3) On the next Rs. 5000	15 P	(3) On the next Rs. 5000	6 P
(B) Where the total agricultural income exceeds Rs. 10,000	Rate per Re.	(4) On the next Rs. 5000	25 P	(4) On the next Rs. 5000	9 P
(i) On the first Rs. 2000 of the total agri. income	NIL	(5) On the next Rs. 5000	30 P	(5) On the next Rs. 5000	12 P
(ii) On the next Rs. 3500 of the total agri. income	5 P	(6) On the balance of the total agri. income	45 P	(6) On the next Rs. 10000	15 P
(iii) On the next Rs. 5000 of the total agri. income	11 P			(7) On the next Rs. 10000	18 P
(iv) On the next Rs. 5000 of the total agri. income	18 P			(8) On the next Rs. 15000	20 P
(v) On the balance of the total agri. income	25 P			(9) On the next Rs. 50000	25 P
				(10) On the balance of the total agri. income	40 P
II. In the case of a Domestic Company	Rate in percentage to total agri. income	In the case of every Company Agricultural Income tax shall be charged at the minimum rate on the whole of the total agri. income			
(1) Where the total agri. income does not exceed Rs. 25000	45%				
(2) Where the total agri. income exceeds Rs. 25000 but does not exceed Rs. 1 lakh	50%				
(3) Where the total agri. income exceeds Rs. 1 lakh but does not exceed Rs. 3 lakhs	55%				
(4) Where the total agri. income exceeds Rs. 3 lakhs but does not exceed Rs. 10 lakhs	60%				
(5) Where the total agri. income exceeds Rs. 10 lakhs	65%				
III. In the case of a Foreign Company					
75% of the total agricultural income					

(Continued)

AGRICULTURAL SUPER TAX

KERALA

In the case of a person other than a company

	Rate per Rs.
(1) On the first Rs. 25,000 of the total agrl. income	NIL
(2) On the next Rs. 15,000	12 P
(3) On the next Rs. 15,000	16 P
(4) On the next Rs. 15,000	22 P
(5) On the next Rs. 15,000	28 P
(6) On the next Rs. 15,000	34 P
(7) On the balance of the total agrl. income	41 P

SURCHARGE: Income tax or Super tax payable by any person (other than company) shall be increased by a Surcharge at the rate of 5 percent of the tax payable.

* The rates are as amended in 1970 and effective from 1-4-1970 vide The Agricultural Income tax (Amendment) Act 1970 and the Kerala Surcharge on Taxes (Amendment) Act 1970

Source: Board of Revenue (Taxes), Kerala

TAMIL NADU

	Rate per Rs.
(1) On the first Rs. 25,000 of the total agrl. income	NIL
(2) On the next Rs. 25,000	9 P
(3) On the next Rs. 25,000	12 P
(4) On the next Rs. 25,000	15 P
(5) On the balance of the total agrl. income	20 P

† The rates have since been revised (vide Tamil Nadu Agricultural Income tax (Amendment) Act 1971). It shall come into force from 1-4-1972

Source: Board of Revenue, Tamil Nadu

Source: Office of the Commissioner of Agricultural Income-tax Mysore

Table 52

DAILY RATES OF WAGES FOR RUBBER

Wage rates for rubber plantation workers in Kerala, Tamil Nadu and Mysore settlements reached between employers and employees in the respective states.

KERALA (From 1-1-'69)

A. Time Rates

	Field workers (Basic wage in Rs.) Per day	Factory workers (Basic wage in Rs.) per day
Men	3.18	3.38
Women	2.80	2.95
Adolescent	2.00	2.13
Children	1.59	—

B. Piece Rates

Guaranteed Time Rate (Basic wage) = Rs. 1 68

In addition to the G. T. R. the minimum piece rates to be paid to the tappers are :-

Class of rubber field	Yield per acre per annum (Kg)	Standard out-put (Kg)	Rate for Standard output (Paise per Kg)
I	Below 113	1.5	112.7
II	114 to 181	2.5	67.6
III	Above 181 to 272	4.5	37.6
IV	Above 272	6.5	26.0

C. Dearness Allowance

In addition to basic wages, time rated and piece rated workers are eligible for DA, subject to annual adjustment, on the scale current now ie. 1.1 paise per day per point rise over 135 in the average consumer Price Index number for Mundakayam, without any ceiling. The average consumer price Index number for Mundakayam during 1968 and 1969 was 187 each. On this basis the DA rate will be 57.2 paise (or say 57 paise) per day during 1969 and 1970.

- Note :
- (1) The minimum piece rates recommended are such that together with the G. T. R. the total earning on the standard output will be Rs. 3.37 in each class of field. The piece rates are worked out on this basis.
 - (2) The over pound rates in force till 30-6-69 were 7 paise per $\frac{1}{2}$ kg for Class I and II fields and 10 paise per $\frac{1}{2}$ kg for class III and IV fields. With effect from 1-7-69 the over pound rate was revised to 15 ps. per $\frac{1}{2}$ kg for all the four classes of fields.
 - (3) With the effect from 1-4-71 the DA has been further raised by 30 ps. per day.
 - (4) The minimum wages for rubber plantation workers were revised with effect from 1-4-70 by a notification issued by the Government of Kerala. The revised wage rates are practically the same as those given in the table. According to the notification adult female employed as tappers shall be paid the time rate fixed to an adult male, and time rate tappers are to be given a differential of 40 ps. per day over the time rate of an adult male worker.
 - (5) If field average fall below the standard output the 'Special formula' as in the past will continue to be applied.
 - (6) Nothing in the settlements will adversely affect any existing benefits.

- Source :
- (i) Memoranda of settlement dated 10th and 30th May 1969.
 - (ii) Notification No. 25570/ H1/ 68/ LSD dated 25th March 1970 issued by Government of Kerala.
 - (iii) Memoranda of settlement dated 10th November 1970 and dated 10th June 1971.

PLANTATION WORKERS

were revised in 1969 on the basis of the
The revised wage rates are given below :-

TAMIL NADU (From 1-1-'69)

A. Time Rates

(i) Field workers and general workers

	For 100 acres & above (Basic wage in Rs. per day)	For below 100 acres (Basic wage in Rs. per day)
Adult male	3.18	3.08
Adult female	2.80	2.70
Adolescent	2.00	1.90
Children	1.59	1.49

Factory workers

	Differentials over field workers' rates of wages per day (paise)
Adult male	22
Adult female	17
Adolescent	15

B. Piece Rates

Guaranteed Time Rate (Basic wage) : Rs. 1.68

In addition to the GTR the piece rates to be paid to the tappers are :-

Class of rubber field	Yield per acre per annum (Kgs)	Standard output (Kgs)	Rate for standard output (Paise per ½ Kg)
I	Below 113	1.5	56
II	Above 113 upto 181	2.5	34
III	Above 181 upto 272	4.5	19
IV	Above 272	6.5	13

C. Dearness Allowance

In addition to basic wages time rated and piece rated workers are eligible for DA at the rate of 1.1 paise for every point increase over 135 in the average consumer price Index number for Mundakayam. The average consumer price Index number for Mundakayam during 1968 and 1969 was 187 each and that is to be followed till March 1971. The average for 1970 will be followed for the year ending 31-3-72. On this basis the DA till end of March '71 works out to 57.2 paise (or say 57 paise) per day.

Note: (1) With effect from 1-4-69 the over pound rates were revised as 21 paise per ½ kg for class I & II fields and 27 paise per ½ kg for class III & IV fields.

(2) Time rated tappers are to be paid existing differential wages.

Source: Memorandum of settlement dated 8th August 1969.

MYSORE (From 1-4-'69)

A. Time Rates

The Basic wage and dearness allowance consolidated and revised as follows :-

	Men (Rs. per day)	Women (Rs. per day)	Adolescent (Rs. per day)	Children (Rs. per day)
From 1-4-69	3.15	2.52	1.89	1.58
„ 1-4-70	3.35	2.68	2.01	1.68
„ 1-4-71	3.50	2.80	2.10	1.75

The existing differentials in wage, wherever they are paid will continue.

B. Piece Rates

Guaranteed Time Rate :

From 1-4-69	Rs. 1.65
From 1-4-70	Rs. 1.85
From 1-4-71	Rs. 2.00

In addition to the GTR the following rates are paid to piece rated tappers

Class of rubber field	Yield per acre per annum (Kgs)	Standard output (Kgs)	Rate for standard output (Paise per ½ Kg)	Rate for output above the standard output (paise per ½ Kg)
(1)	(2)	(3)	(4)	(5)
I	Below 115	1.5	55	9
II	Above 115 upto 180	2.5	33	9
III	Above 180 upto 270	4.5	18.3	12
IV	Above 270	6.5	12.7	12

Note: The settlement will not affect prejudicially the terms and conditions of service presently enjoyed by any workman.

Source: Memorandum of settlement dated 20th June, 1969.

Table 52

DAILY RATES OF WAGES FOR RUBBER

Wage rates for rubber plantation workers in Kerala, Tamil Nadu and Mysore settlements reached between employers and employees in the respective states.

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Men	3.18	3.38
Women	2.80	2.95
Adolescent	2.00	2.13
Children	1.59	—

B. Piece Rates

Guaranteed Time Rate (Basic wage) = Rs. 1.68

In addition to the G. T. R. the minimum piece rates to be paid to the tappers are :-

Class of rubber field	Yield per acre per annum (Kg)	Standard out-put (Kg)	Rate for Standard output (Paise per Kg)
I	Below 113	1.5	112.7
II	114 to 181	2.5	67.6
III	Above 181 to 272	4.5	37.6
IV	Above 272	6.5	26.0

C. Dearness Allowance

In addition to basic wages, time rated and piece rated workers are eligible for DA, subject to annual adjustment, on the scale current now ie. 1.1 paise per day per point rise over 135 in the average consumer Price Index number for Mundakayam, without any ceiling. The average consumer price Index number for Mundakayam during 1968 and 1969 was 187 each. On this basis the DA rate will be 57.2 paise (or say 57 paise) per day during 1969 and 1970.

- Note :
- (1) The minimum piece rates recommended are such that together with the G. T. R. the total earning on the standard output will be Rs. 3.37 in each class of field. The piece rates are worked out on this basis.
 - (2) The over pound rates in force till 30-6-69 were 7 paise per $\frac{1}{2}$ kg for Class I and II fields and 10 paise per $\frac{1}{2}$ kg for class III and IV fields. With effect from 1-7-69 the over pound rate was revised to 15 ps. per $\frac{1}{2}$ kg for all the four classes of fields.
 - (3) With the effect from 1-4-71 the DA has been further raised by 30 ps. per day.
 - (4) The minimum wages for rubber plantation workers were revised with effect from 1-4-70 by a notification issued by the Government of Kerala. The revised wage rates are practically the same as those given in the table. According to the notification adult female employed as tappers shall be paid the time rate fixed to an adult male, and time rate tappers are to be given a differential of 40 ps. per day over the time rate of an adult male worker.
 - (5) If field average fall below the standard output the 'Special formula' as in the past will continue to be applied.
 - (6) Nothing in the settlements will adversely affect any existing benefits.

- Source :
- (i) Memoranda of settlement dated 10th and 30th May 1969.
 - (ii) Notification No. 25570/ H1/ 68/ LSD dated 25th March 1970 issued by Government of Kerala.
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were revised in 1969 on the basis of the
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A. Time Rates

(i) Field workers and general workers

	For 100 acres & above (Basic wage in Rs. per day)	For below 100 acres (Basic wage in Rs. per day)
Adult male	3.18	3.08
Adult female	2.80	2.70
Adolescent	2.00	1.90
Children	1.59	1.49

Factory workers

	Differentials over field workers' rates of wages per day (paise)
Adult male	22
Adult female	17
Adolescent	15

B. Piece Rates

Guaranteed Time Rate (Basic wage) : Rs. 1.68
In addition to the GTR the piece rates to be paid to the tappers are :-

Class of rubber field	Yield per acre per annum (Kgs)	Standard output (Kgs)	Rate for standard output (Paise per ½ Kg)
I	Below 113	1.5	56
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III	Above 181 upto 272	4.5	19
IV	Above 272	6.5	13

C. Dearness Allowance

In addition to basic wages time rated and piece rated workers are eligible for DA at the rate of 1.1 paise for every point increase over 135 in the average consumer price index number for Mundakayam. The average consumer price index number for Mundakayam during 1968 and 1969 was 187 each and that is to be followed till March 1971. The average for 1970 will be followed for the year ending 31-3-72. On this basis the DA till end of March '71 works out to 57.2 paise (or say 57 paise) per day.

Note: (1) With effect from 1-4-69 the over pound rates were revised as 21 paise per ½ kg for class I & II fields and 27 paise per ½ kg for class III & IV fields.

(2) Time rated tappers are to be paid existing differential wages.

Source: Memorandum of settlement dated 8th August 1969.

MYSORE (From 1-4-'69)

A. Time Rates

The Basic wage and dearness allowance consolidated and revised as follows :-

	Men (Rs. per day)	Women (Rs. per day)	Adolescent (Rs. per day)	Children (Rs. per day)
From 1-4-69	3.15	2.52	1.89	1.58
" 1-4-70	3.35	2.68	2.01	1.68
" 1-4-71	3.50	2.80	2.10	1.75

The existing differentials in wage, wherever they are paid will continue.

B. Piece Rates

Guaranteed Time Rate :

From 1-4-69	Rs. 1.65
From 1-4-70	Rs. 1.85
From 1-4-71	Rs. 2.00

In addition to the GTR the following rates are paid to piece rated tappers

Class of rubber field	Yield per acre per annum (Kgs)	Standard output (Kgs)	Rate for standard output (Paise per ½ Kg)	Rate for output above the standard output (paise per ½ Kg)
(1)	(2)	(3)	(4)	(5)
I	Below 115	1.5	55	9
II	Above 115 Upto 180	2.5	33	9
III	Above 180 upto 270	4.5	18.3	12
IV	Above 270	6.5	12.7	12

Note: The settlement will not affect prejudicially the terms and conditions of service presently enjoyed by any workman.

Source: Memorandum of settlement dated 20th June, 1969.

Table 53

AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS

YEAR (1)	Number (2)
1957	71032
1958	83846
1959	88721
1960	93754
1961	101776
1962	106363
1963	113528
1964	115595
1965	122481
1966	126958
1967	135104
1968	139795 (P)
1969	144423 (P)

(P) Provisional

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

Table 54

EXPENDITURE OF THE BOARD UNDER MAJOR HEADS
(Rupees)

YEAR (1)	DEVELOPMENT AND EXTENSION					RESEARCH (7)	LABOUR WELFARE (8)	GENERAL ADMINI- STRATION (9)	TOTAL (10)
	Replanting Subsidy (2)	Maintenance of Nurseries Distribution of planting materials (3)	Schemes for holdings exclusively (vide Table 56) (4)	Exhibitions, Seminars Publicity & Propaganda and publications (5)	Admini- stration (6)				
1958-59	511039	63684	12936	132372	98068	106115	10231	205239	2124521
1959-60	785341	88325	43393	91706	101628	103277	42298	206286	1462254
1960-61	1311677	175746	32669	34886	144239	116025	58079	245989	2119310
1961-62	2629519	24167	108016	16198	253606	232345	123852	279862	3959347
1962-63	3206718	449861	146202	21935	286823	150475	99476	313684	4689876
1963-64	5368271	282691	214610	31965	453086	208655	119428	457409	7269278
1964-65	5245597	316089	918481	41562	518451	289930	160120	499226	8499505
1965-66	6277382	594003	1565284	41121	5620198	1024222*	175000	517080	11732318
1966-67	5159180	653945	2170145	20248	7316528	1111954*	174639	622060	10716990
1967-68	6773351	649561	4376864	23012	1388144†	887149	174792	752550	15045845
1968-69	6291504	248623	6754606	30901	1207776†	1152671	200141	863965	16786461
1969-70	5703216	666890	4078700	27257	1561833‡	940910	186100	1064014	14266268
1970-71	5518999	392323	3494106	22882	1797502	938765	150231	1294202	13635972

Note: Cols. 3, 4, 6, 7, 9 and 10 include amount recoverable also

* Includes expenditure for extension activities also

† Excludes expenditure for extension activities

Col. 10 includes expenditure for purchase of lands and construction of buildings

‡ Includes administrative expenditure for granting 'cash subsidy' also

Table 55

EXPENDITURE OF THE BOARD UNDER VARIOUS SCHEMES FOR
HOLDINGS EXCLUSIVELY

(Rupees)

YEAR	LOAN SCHEMES				SUBSIDY SCHEMES					
	Newplanting and maintenance loan scheme	Rubber Rollers hire Purchase Scheme	Share capital contribution to co-operatives	Working capital loan to co-operatives	Additional assistance for replanting and newplanting permit holders			Distribution of planting materials at concessional rate	Distribution of fertilisers at half the cost through co-operatives	
(1)	(2)	(3)	(4)	(5)	Free Supply of planting materials	Subsidy for fertilisers †	Soil conservation grant	(9)	(10)	
1958-59	—	—	—	—	—	12936	—	—	—	
1959-60	—	—	—	—	—	41683	1710	—	—	
1960-61	—	—	—	—	—	24787	1883	—	—	
1961-62	—	—	—	—	—	88179	2195	—	—	
1962-63	—	—	—	—	—	115550	1507	—	—	
1963-64	52123	—	—	—	1441	49685	1383	—	—	
1964-65	115776	—	—	180000	2029	447630	636	40782	—	
1965-66	190170	12052	75000	306667	5219	605117	3248	54872	752	
1966-67	177579	90034	330000	270000	2771	611336	2675	103172	5711	
1967-68	551339	72329	50000	250000	5896	613530	2875	147659	9044	
1968-69	851401	33226	—	—	13350	602437	1336	104352	5687	
1969-70	1250534	51722	135000	150000	95967	800000	1659	40410	9809	
1970-71	1057730	65714	40000	75000	46508	1079232	1918	60589	20955	

YEAR	SUBSIDY SCHEME		OTHER SCHEMES					TOTAL
	Subsidy for spraying (50% of copper sulphate)	Subsidy for co-operatives for construction of smoke houses	Publication of Malayalam Magazine	Demonstration plots	Tappers' Training School	Purchase of sprayers and dusters	Other schemes*	
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1958-59	—	—	—	—	—	—	—	12936
1959-60	—	—	—	—	—	—	—	43393
1960-61	—	—	—	—	—	5999	—	32669
1961-62	—	—	—	—	—	17642	—	108016
1962-63	—	1500	—	—	—	27645	—	146202
1963-64	—	21546	—	—	—	88432	—	214610
1964-65	30160	32500	—	—	—	68968	—	918481
1965-66	147935	7089	46353	31410	7816	59967	11617	1565284
1966-67	429239	8558	55645	17057	12659	49137	4572	2170145
1967-68	699989	2475	70107	15301	9986	29279	1846855	4376864
1968-69	289462	—	76993	9778	6648	36660	4729276	6754606
1969-70	875467	—	89811	14484	8983	5016	549838	4078700
1970-71	916656	—	37550	12437	10546	3384	65887	3494106

* Includes Cash Subsidy granted viz. Rs. 1,810,730/- in 1967-68, Rs. 4,709,276/- in 1968-69 and Rs. 505,963/- in 1969-70

† 50% of the amount recoverable

Table 56

PROGRESS OF REPLANTING SUBSIDY SCHEME

YEAR	TARGET		APPLICATION RECEIVED			PERMITS ISSUED		
	Hectares	Area Acres	Number	Hectares	Area Acres	Number	Hectares	Area Acres
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1957-58	2833	7000	1143	3392	8381	937	2522	6232
1958-59	2833	7000	1851	4318	10669	1028	2392	5910
1959-60	2833	7000	1448	3401	8404	1112	2316	5721
1960-61	3035	7500	968	1840	4548	798	1701	4203
1961-62	3237	8000	1312	3326	8218	1351	3189	7880
1962-63	3440	8500	1587	4200	10378	1223	2785	6882
1963-64	3642	9000	1062	3019	7459	834	2383	5888
1964-65	3844	9500	1236	3631	8972	842	2878	7113
1965-66	4047	10000	1688	5298	13093	1169	3722	9342
1966-67	4047	10000	2710	6658	16453	1409	3781	9197
1967-68	4047	10000	1389	3982	9839	707	2309	5706
1968-69	4047	10000	1203	2920	7215	663	1843	4541
1969-70	4047	10000	2017	3258	8051	1103	1840	4547
1970-71	4047	10000	1685	3070	7586	921	1824	4507

YEAR	AREA REPLANTED							Subsidy paid during the year (Rs.) (17)
	Holdings			Estates		Total		
	Number	Area Hectares (11)	Number	Area Hectares (13)	Number	Hectares (15)	Area Acres (16)	
	(10)		(12)	(13)	(14)	(15)	(16)	
1957-58	406	595	45	553	451	1148	2837	440976
1958-59	643	848	56	843	699	1691	4178	511039
1959-60	725	876	56	728	781	1604	3962	785341
1960-61	572	687	48	590	620	1277	3155	1311677
1961-62	919	1094	88	1178	1007	2272	5614	2629519
1962-63	908	1083	83	1191	991	2274	5619	3206718
1963-64	606	832	89	1295	695	2127	5256	5368271
1964-65	782	801	94	1815	876	2616	6464	5245597
1965-66	978	1170	112	2362	1090	3532	8728	6277382
1966-67	1168	1289	98	1954	1266	3243	8014	5159180
1967-68	729	847	73	1549	802	2396	5921	6773351
1968-69	507	614	61	1075	568	1689	4174	6291504
1969-70	632	588	62	900	694	1488	3677	5703216
1970-71	325	318	40	768	365	1086	2684	5518999

Table 57

PROGRESS OF RUBBER MARKETING CO-OPERATIVE SOCIETIES

YEAR (1)	No. of Societies (2)	Number of Members (3)	Paid up Share Capital (Rs.) (4)	Rubber Marketed during the year (Kgs.) (5)
1963-64	6	1423		
1964-65	11	2185	114750	275000
1965-66	16	6461	210280	660000
1966-67	18	9108	414015	1778000
			733209	3027000
1967-68	23	17953	1180472	5990000
1968-69	23	19317	1387579	3978000
1969-70	25	20606	1857327	4284000
1970-71	37	32977	2655209	10651000

Table 58

PROGRESS IN DISTRIBUTION OF PLANTING MATERIALS BY THE BOARD

YEAR (1)	Clonal Seeds (Nos) (2)	Clonal Seedlings (Nos) (3)	Budded stumps (Nos) (4)	Budwood (Metres) (5)
1957-58	2471000	14200	—	—
1958-59	2424000	16400	—	863
1959-60	3340000	40600	—	1658
1960-61	6774000	27400	—	4492
1961-62	689000	22000	25	2412
1962-63	4445000	68200	326	840
1963-64	2789000	362200	31012	512
1964-65	2641000	347800	82964	14049
1965-66	4195000	374700	63215	2890
1966-67	3744000	455700	62478	2523
1967-68	8245000	209500	73533	1707
1968-69	3087000	395900	101887	3067
1969-70	6393000	425600	198233	3178
1970-71	3007000	374200	407288	2622

Table 59

PROGRESS OF AERIAL SPRAYING

YEAR (1)	Area sprayed (hectares) (2)
1961	4800
1962	13800
1963	13800
1964	15000
1965	15000
1966	15400
1967	14600
1968	14400
1969	15500
1970	20400

PLANTING MATERIALS IMPORTED

YEAR (1)	Quantity imported (Nos) (2)
1961-62	414000
1962-63	571000
1963-64	506000
1964-65	1536000
1965-66	1512000
1966-67	867000
1967-68	635000
1968-69	390000
1969-70	577000

Table 60

INDEX NUMBERS OF AGRICULTURAL PRODUCTION

(Agricultural year 1949-50 = 100)

COMMODITY/GROUP	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
I. FOODGRAINS												
Rice	114.2	137.7	142.4	135.6	147.0	156.2	121.6	121.0	149.5	157.3	159.9	
Jowar	96.7	141.1	115.4	140.1	132.2	139.2	109.0	132.6	144.5	141.0	139.8	
Bajra	108.8	106.9	123.9	123.9	121.3	141.3	117.3	139.7	162.1	118.9	166.6	
Millet	112.3	146.7	154.3	133.8	132.2	132.2	172.2	174.7	223.8	198.6	197.7	
Ragi	119.7	121.7	132.0	133.0	131.5	130.8	82.8	105.4	121.8	106.5	136.8	
Small Millets	105.1	98.2	105.2	93.3	103.2	100.8	79.8	168.5	244.9	253.7	299.0	
Wheat	131.3	162.8	178.8	159.6	145.9	181.5	153.9	168.7	244.9	253.7	299.0	
Barley	118.5	118.0	133.5	102.6	86.4	106.0	100.1	58.7	147.3	101.7	114.2	
Cereals												
	114.9	138.3	143.1	135.9	141.4	154.5	124.4	129.5	164.2	165.7	176.0	
Gram	138.9	160.4	148.5	137.6	115.5	148.2	108.4	93.0	153.3	106.1	142.3	
Tur	99.4	106.0	70.0	79.8	69.6	95.3	87.4	57.0	87.8	88.5	92.9	
Other pulses	103.9	105.1	110.2	109.7	100.3	113.4	95.2	85.9	104.9	102.6	102.8	
Pulses												
	118.4	129.0	121.5	117.9	102.9	126.1	99.9	85.3	123.5	102.3	118.5	
Foodgrains												
	115.3	137.1	140.3	133.6	136.5	150.8	121.3	123.8	159.0	157.5	168.6	
II. NON-FOODGRAINS												
Groundnut	112.4	142.1	147.5	149.4	156.3	181.6	129.0	133.5	173.5	140.2	155.7	
Sesamum	104.8	77.2	90.3	118.6	105.9	116.6	101.7	99.9	105.9	106.7	148.6	
Rapeseed & Mustard	105.8	165.7	165.6	160.3	112.5	181.4	159.7	151.1	192.9	165.7	188.5	
Linseed	97.1	95.3	111.1	103.1	90.9	118.6	79.6	62.4	105.2	79.1	99.7	
Castorseed	96.1	82.1	83.6	76.2	78.4	79.2	59.9	62.3	68.8	65.7	62.5	
Oilseeds												
	108.6	134.0	140.0	142.6	134.5	166.5	126.5	125.8	161.7	134.2	149.0	

(Continued)

Table 60 (Contd.)

COMMODITY / GROUP (1)	1955-56 (2)	1960-61 (3)	1961-62 (4)	1962-63 (5)	1963-64 (6)	1964-65 (7)	1965-66 (8)	1966-67 (9)	1967-68 (10)	1968-69 (11)	1969-70 (12)
NON-FOODGRAINS (Contd.)											
Cotton	153.9	202.1	174.9	199.8	208.6	219.0	176.8	191.9	210.5	198.5	202.0
Jute	135.8	125.3	192.7	165.0	184.3	183.9	133.7	162.4	191.6	88.9	170.6
Mesta	174.7	168.8	280.8	260.7	283.7	239.1	194.7	182.6	190.3	135.4	170.5
Fibres	149.7	176.0	187.5	193.0	206.0	209.4	165.2	182.1	203.3	160.2	190.1
Tea	107.2	120.9	133.4	130.5	130.4	140.2	137.9	141.5	144.8	151.5	149.1*
Coffee	196.1	246.4	230.4	237.7	255.5	269.0	282.1	346.6	252.7*	324.6*	272.8*
Rubber	146.1	167.0	180.0	209.4	239.0	286.0	316.8	343.7	404.2	445.5*	445.5*
Plantation Crops	113.2	129.2	140.1	138.6	140.4	151.4	150.9	158.5	158.0	169.3	164.5
Sugarcane (Gur)	119.8	183.9	173.5	152.5	172.6	201.4	206.0	153.3	157.9	206.9	216.8
Tobacco	112.9	114.3	126.2	129.3	136.4	134.9	111.1	134.0	139.8	136.9	128.2
Peppers	120.3	168.6	151.7	194.4	149.7	208.1	235.3	203.3	244.3	272.8	236.3
Pepper (Black)	132.6	134.8	134.8	123.9	113.9	114.8	109.6	109.1	104.4	101.5*	101.5*
Chillies (Dry)	122.9	142.5	130.3	142.1	163.7	158.9	121.8	139.9	167.6	133.4	137.4
Ginger (Dry)	105.7	116.3	124.2	129.5	140.1	138.8	146.1	140.2	129.0	120.4	127.7
Miscellaneous Crops	120.1	163.4	156.3	148.2	160.0	179.7	176.0	148.6	157.8	182.6	184.6
Non-Foodgrains	119.9	152.6	153.9	151.6	156.5	176.7	157.0	147.4	165.2	163.6	172.5
All Commodities	116.8	142.2	144.8	139.6	143.1	159.4	133.1	131.6	161.1	159.5	169.9

* Based on Provisional estimates.

Note :- Foodgrains indices for 1966-67 and 1967-68 are based on Partially Revised Estimates, while those for 1968-69 and 1969-70 are based on Final Estimates. In the case of other commodities, indices for 1966-67 and 1967-68 are generally based on Partially Revised Estimates, while those for 1968-69 and 1969-70 are based on Final Estimates. The indices for these years are subject to revision.

Source :- Directorate of Economics & Statistics,

Ministry of Food, Agriculture, C. D. & Co-operation.

Table 61

INDEX NUMBERS OF INDUSTRIAL PRODUCTION

(Base 1960 = 100)

ITEM (I)	1951 (2)	1961 (3)	1963 (4)	1964 (5)	1965 (6)	1966 (7)	1967 (8)	1968 (9)	1969 (10)	1970 (11)
Mining and Quarrying	66.6	105.4	123.2	119.4	131.7	136.1	135.8	144.2	147.4	149.0
Manufacturing	54.6	109.1	129.1	141.2	154.0	151.2	148.2	136.3	167.2	174.0
Food Manufacturing	66.9	108.6	108.6	118.3	125.2	130.5	148.2	108.4	137.0	157.5
Textiles	48.9	110.0	109.2	101.5	124.7	129.8	84.0	84.5	149.1	165.3
Sugar	49.2	111.6	108.2	105.2	117.1	117.1	116.6	104.9	108.1	128.4
Salt	80.8	101.3	132.3	135.2	137.2	137.6	130.6	146.8	150.6	162.1
Beverages and Tobacco	58.0	107.0	109.2	126.1	147.6	158.6	139.4	162.7	164.0	170.1
Textiles	79.7	102.8	109.7	115.4	114.8	108.9	107.6	111.7	109.7	109.7
Cotton	81.6	104.8	105.5	112.8	111.7	106.5	104.9	111.7	117.7	117.7
Jute	80.4	89.1	118.8	115.2	120.3	100.4	104.1	96.4	77.8	55.1
Paper and Paper Products	38.5	105.8	130.2	137.4	147.2	160.0	167.1	185.0	201.4	216.5
Rubber Products	56.1	112.9	135.5	143.0	159.4	160.2	171.4	202.1	215.5	215.7
Chemical & Chemical Products	42.4	113.4	134.0	145.5	153.9	168.4	172.2	197.4	217.5	236.5
Petroleum Products	11.0	106.0	132.1	138.7	158.7	195.9	234.2	260.1	280.8	297.3
Non-metallic Mineral Products	39.0	106.9	130.3	138.6	158.7	148.0	155.8	154.8	175.2	189.1
Cement	41.4	105.1	119.3	123.5	134.8	144.0	141.0	152.3	173.7	177.9
Basic Metal	46.5	118.7	171.7	174.4	180.1	189.6	181.8	192.3	205.8	209.7
Iron and Steel	45.5	121.0	175.2	178.6	185.3	193.6	177.7	185.4	201.2	216.8
Metal Products	30.7	112.4	130.4	145.8	205.6	208.4	192.1	181.2	205.1	219.0
Machinery except Electrical	22.2	121.2	181.3	215.7	316.0	295.5	299.5	327.6	349.1	369.5
Electrical Machinery	26.3	110.0	155.0	173.4	206.3	225.1	243.4	277.5	322.4	362.7
Transport Equipment	46.6	116.7	156.7	192.1	206.3	156.0	138.6	142.9	135.4	132.0
Rail Road Equipments	4.5	127.2	208.0	252.3	239.2	180.6	142.8	130.7	116.8	93.6
Automobiles	42.7	104.2	98.6	125.3	156.2	146.2	131.8	149.5	145.2	157.8
Electricity	35.7	116.3	150.9	173.6	190.9	207.8	230.7	266.6	301.1	334.0
GENERAL INDEX	54.8	109.2	129.7	140.8	153.8	152.7	151.4	161.1	172.5	181

Source : Central Statistical Organisation

Table 62

INDEX NUMBERS OF WHOLESALE PRICES

(Base: Financial Year 1961-62 = 100)

COMMODITIES (1)	1955*	1960*	1963	1964	1965	1966	1967	1968	1969	1970
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rice	72.5	103.9	115.3	125.6	129.9	160.5	197.0	200.1	193.8	201.2
Jowar	52.2	110.0	100.3	152.1	169.0	167.9	197.5	185.0	190.0	188.9
Millet	59.1	97.4	91.7	121.9	152.4	159.0	188.6	176.8	189.9	168.3
Maize	68.1	97.4	91.7	121.9	152.4	159.0	188.6	176.8	189.9	168.3
Ragi	53.0	100.3	93.7	123.7	153.5	175.2	166.3	179.5	185.1	170.4
Wheat	76.7	100.2	99.7	128.5	150.9	161.6	214.5	204.6	206.5	214.5
Barley	61.4	105.1	96.8	166.2	197.1	211.1	284.8	197.3	196.7	199.1
Groundnuts	46.1	91.2	93.5	115.6	134.2	174.6	183.3	141.7	190.5	213.5
Rapeseed	58.7	90.1	101.6	139.1	156.5	174.2	211.3	177.0	190.5	211.9
Mustard seed	64.1	95.3	106.6	139.6	152.9	209.4	228.3	155.7	174.1	212.7
Castor seed	84.8	97.3	95.5	120.6	132.9	168.4	214.6	155.7	174.1	212.7
Pepper black	89.0	143.0	81.1	91.3	107.5	108.6	102.6	100.7	132.4	189.6
Cotton raw	87.5	103.7	109.5	115.7	118.5	123.9	137.5	153.5	165.5	191.8
Jute raw	68.5	100.3	74.1	85.1	116.6	158.9	123.0	140.9	162.0	145.1
Tobacco raw	82.1	111.7	107.7	125.6	136.0	129.0	129.4	108.2	167.4	136.6
Tea	166.5	104.3	104.3	114.8	122.2	122.2	122.2	108.2	107.2	114.0
Coffee	196.1	98.5	110.6	122.2	130.2	155.8	147.3	165.3	163.0	204.6
Rubber	98.6	104.3	98.6	98.7	108.8	181.4	125.2	132.5	166.7	151.5
Potatoes	68.5	76.7	84.7	145.3	124.3	132.5	186.0	145.3	112.9	181.4
Bananas	74.7	92.8	108.1	122.6	152.9	182.1	208.8	213.4	210.2	181.4
Cashew nuts	121.6	126.6	89.3	124.7	131.0	137.5	145.3	213.4	210.2	255.9
Sugar	74.6	107.3	108.6	124.7	131.0	137.5	145.3	213.4	210.2	255.9
Crude oil	73.0	124.9	135.8	191.4	150.8	167.0	380.6	428.8	215.1	182.4
Industrial raw materials	68.2	97.3	98.6	111.7	127.7	151.8	161.1	152.7	175.4	193.7
ALL COMMODITIES	73.1	98.2	108.0	119.3	129.1	144.5	166.2	165.3	168.7	179.2

* Figures relate to 1957-53 and shifted to New Base Year (ended March 1962 = 100)

Source: Office of the Economic Adviser to the Government of India.

Table 63

INDEX NUMBERS OF CONSUMER PRICES

(For Industrial workers)

(Base 1960 : 100)

YEAR	MUNDAKAYAM	ALL INDIA
1961	103	—
1962	107	—
1963	109	—
1964	123	—
1965	135	—
1966	149	—
1967	166	—
1968	187	—
1969	187	175
1970	196	184

Source : Labour Bureau

Table 64

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

YEAR (1)	AREA (Hectares) (2)	PRODUCTION (M. Tonnes) (3)	CONSUMPTION (M. Tonnes) (4)	IMPORT (M. Tonnes) (5)	EXPORT (M. Tonnes) (6)
1902	200	—	—	—	—
1910	11900	80	—	—	—
1925	30900	6400	—	—	—
1930	32223	6528	—	—	—
1935	49633	12498	—	458	15723*
1936	50426	13811	—	311	15296*
1937	50856	14649	7287	3250	9719
1938	52642	14091	5740	2357	9065
1939	54348	14238	7124	3395	10581
1940	55970	16117	11224	3380	9056
1941	55982	15602	13461	5915	6647
1942	56027	16218	14628	548	567
1943	57955	16671	10801	847	1231
1944	59681	17629	12304	32	3048
1945	61612	16690	15477	62	2298
1946	62521	15967	14262	172	304
1947	62987	14681	17272	1745	—
1948	65376	15669	20035	6240	6
1949	67913	15836	19499	1404	836
1950	69001	15849	18019	4170	964

* Including Burma also

Note : Figures under Col. [5] and [6] relate to financial year

— Not available

Source : (i) For figures upto 1947-' Indian Rubber Statistics' published by the Government of India.

(ii) For figures for 1948, '49 and '50-Rubber Board.

World Rubber Statistics

Table 65

AREA UNDER RUBBER IN PRINCIPAL TERRITORIES
(In Thousand Hectares)

		END OF	SMALL HOLDINGS (3)	ESTATES (4)	TOTAL		
					High Yielding (5)	Ordinary (6)	Grand Total (7)
Malaysia	West Malaysia	1968	1045	678	592*	86*	1723
	Sarawak	1967	119	3	50	72	122
	Sabah	1967	71	35	66	40	106
	Total	...	1235	716	...	...	1951
Indonesia		1965	1467	520	...	...	1987
Thailand §		1965	735	...	200	535	735
Nigeria§		1965	208	32	...	...	240
Ceylon§		1968	118	112	146	84	230
India		1969	140	57	122	75	197
Liberia		1965	36	71	85	22	107
Viet-Nam§		1965	25	75	72*	...	100
Congo		1969	25	68	...	...	93
Burma§		1964	28	35	18	45	63
Khmer Republic*		1965	...	48	45	3	48*
Others		...	28	91	...	...	124†
Total			4045	1825	...	...	5875†

Note: Estate acreages refer to holdings of 40 hectares and over except for Viet-Nam where they refer to holdings of over 500 hectares.

* Estate figure only

§ Estimated or partly estimated

† Include unspecified areas not included in other columns

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

PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES
(In thousand Metric Tonnes)

(1)	1959 (2)	1960 (3)	1961 (4)	1962 (5)	1963 (6)	1964 (7)	1965 (8)	1966 (9)	1967 (10)	1968 (11)	1969 (12)	1970 (13)
Malaysia	706.7	717.3	746.4	761.5	799.3	837.4	884.3	940.2	945.8	1051.3	1199.4	1222.6
	42.2	45.7	44.3	34.1	44.2	43.6	40.7	34.0	28.2	24.1	39.2	21.7
	23.2	22.4	24.0	22.7	21.6	23.2	24.2	24.1	24.1	24.9	29.4	32.1
	772.1	785.4	814.7	818.3	865.14	904.2	949.2	998.3	998.1	1100.3	1268.0	1276.4
	704.6	620.3	682.2	681.2	582.0	648.4	716.6	715.7	762.0	752.0	750.4	778.0
Indonesia*	174.0	170.8	186.1	195.4	189.8	221.6	216.4	207.1	214.2	238.8	281.8	287.2
Thailand*	93.2	98.8	97.6	104.0	104.8	111.6	118.3	131.0	143.2	148.7	150.8	159.2
Ceylon	75.4	76.6	79.1	75.2	71.8	74.4	61.0	48.8	40.7	29.7	26.2	28.5
Viet-Nam	34.5	37.1	40.0	41.6	40.8	45.8	48.9	51.3	53.7	51.3	51.8	12.8
Khmer Republic	23.8	25.2	27.0	31.4	37.2	44.2	49.4	53.2	62.5	68.8	80.0	89.9
India	21.4	23.1	22.7	21.6	20.6	28.3	29.3	24.3	21.2	23.0	24.0	25.0
Brazil	144.0	149.2	144.2	152.2	154.0	161.7	159.5	176.5	163.7	169.7	181.5	206.0
Africa*	29.8	30.0	32.0	32.5	34.0	29.7	31.7	30.5	28.2	31.2	31.7	32.0
Others ^(a)												
Total	2072.5	2015.0	2125.0	2152.5	2100.5	2270.0	2380.0	2437.5	2487.5	2632.5	2885.0	2895.0

* Net exports
† Net exports less estimated consumption
Source : 'Rubber Statistical Bulletin' of the International Rubber Study Group

Table 67

NET EXPORTS OF NATURAL RUBBER FROM MAIN PRODUCING COUNTRIES
(In Thousand Metric Tonnes)

(1)	1959 (2)	1960 (3)	1961 (4)	1962 (5)	1963 (6)	1964 (7)	1965 (8)	1966 (9)	1967 (10)	1968 (11)	1969 (12)	1970 (13)
Malaysia	806.7	775.3	805.5	792.2	866.8	887.0	919.2	965.5	990.3	1114.3	1292.0	1305.9
Indonesia*	692.2	586.5	677.2	660.2	561.0	627.4	694.6	690.0	738.0	729.0	767.4	757.5
Thailand	173.0	169.8	184.6	193.9	186.8	216.6	211.4	202.1	209.2	251.8	274.8	279.2
Ceylon	93.5	106.4	89.5	101.8	95.0	115.3	123.6	124.9	135.6	144.7	143.2	154.1
Viet-Nam	73.4	73.9	82.6	69.3	70.3	68.9	61.9	43.6	37.2	28.0	19.5	23.0
Khmer Republic	33.9	35.1	40.1	37.4	39.3	41.8	46.2	49.9	49.1	47.4	47.7	12.2
Liberia	44.4	48.4	41.2	45.4	41.3	42.6	49.2	52.9	62.3	64.0	66.9	75.6
Nigeria	54.1	59.5	55.7	60.1	64.2	72.2	69.0	71.0	48.0	52.8	56.8	59.3
Congo*	40.1	35.6	37.7	37.5	37.6	34.2	21.1	27.8	30.5	33.0	35.0	40.0
Others*	24.5	22.6	27.6	28.0	29.6	25.8	31.1	33.5	30.5	30.7	33.7	39.7
Total†	2035.0	1895.0	2055.0	2017.5	2022.5	2112.5	2245.0	2240.0	2322.5	2497.5	2745.0	2732.5

* Estimated

† Include supplies arising from changes in Singapore stock.

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

Table 68

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

(1)	1959 (2)	1960 (3)	1961 (4)	1962 (5)	1963 (6)	1964 (7)	1965 (8)	1966 (9)	1967 (10)	1968 (11)	1969 (12)	1970 (13)
U. S. A.	564.0	486.7	434.2	470.2	464.6	489.2	523.0	554.4	496.7	591.2	607.9	568.3
Japan	161.3	168.4	178.8	193.0	195.5	206.0	201.5	216.0	243.0	255.0	268.0	283.0
U. K.	187.3	182.8	168.8	166.8	171.4	183.8	186.7	183.9	178.5	194.1	191.4	188.2
F. R. Germany	146.4	148.0	138.0	148.2	152.3	155.2	157.9	157.6	141.3	170.0	191.2	200.7
France	135.6	129.4	129.0	127.1	127.4	127.1	122.5	126.0	127.8	128.8	147.6	156.3
China*	110.5	121.8	83.8	108.5	109.3	144.3	139.8	172.5	159.7	211.7	275.0	181.3
Italy	62.0	75.0	80.0	80.0	88.0	83.0	87.0	91.4	100.0	100.0	102.0	113.0
India	39.3	45.9	48.3	51.8	60.2	60.1	64.7	66.7	72.5	84.2	86.7	86.5
Canada	45.0	35.7	32.2	35.3	36.6	40.9	43.5	47.3	46.1	45.5	49.7	50.6
Australia	38.5	37.5	29.4	33.9	37.0	39.0	36.9	34.4	36.9	38.4	39.9	39.3
Brazil	45.2	44.5	39.3	40.7	36.1	32.7	26.6	30.9	32.1	38.2	35.0	36.7
Netherlands	21.6	20.9	21.1	20.5	20.0	22.0	20.8	22.6	19.7	20.6	20.3	19.5
Others†	595.5	598.0	774.5	774.0	759.5	701.5	803.5	874.0	836.0	970.0	968.0	1069.0
Total‡	2152.5	2095.0	2157.5	2250.0	2257.5	2285.0	2415.0	2577.5	2490.0	2847.5	2982.5	2992.5

* Estimated imports. † Estimated Savings. ‡ Rubber Statistical Bulletin* of the International Rubber Study Group.

Table 69

PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

(1)	1959 (2)	1960 (3)	1961 (4)	1962 (5)	1963 (6)	1964 (7)	1965 (8)	1966 (9)	1967 (10)	1968 (11)	1969 (12)	1970 (13)
U. S. A.	1401.8	1459.5	1426.6	1599.7	1634.2	1793.2	1842.3	2001.6	1942.6	2165.3	2286.3	2232.3
Canada	102.3	102.3	167.1	171.0	181.5	200.6	206.3	202.9	200.3	196.8	198.8	208.4
F. R. Germany	48.9	81.1	87.0	89.6	108.2	137.8	164.0	195.8	190.2	238.4	291.7	301.9
U. K.	57.2	91.9	107.2	118.7	127.3	155.5	174.5	194.0	203.7	236.6	273.0	306.2
France	6.0	17.5	41.0	63.9	98.5	130.4	148.3	163.6	189.3	223.0	275.0	315.9
Italy †	40.5	66.9	83.0	87.0	96.0	112.0	120.0	122.0	118.0	125.0	135.0	155.0
Netherlands †	1.0	12.0	40.0	45.0	85.0	90.0	100.0	110.0	125.0	163.3	213.5	205.6
Belgium †	—	—	—	—	—	15.0	20.0	20.0	20.0	25.0	35.0	50.0
Czechoslovakia †	—	—	—	—	—	20.0	30.0	30.0	33.0	35.0	40.0	50.0
Poland	5.0	20.2	31.0	33.2	36.0	40.0	39.2	37.4	40.0	40.8	48.1	61.7
Spain †	—	—	—	—	—	—	—	1.4	11.5	26.5	34.5	40.0
Japan	—	23.4	51.1	69.9	102.5	122.0	161.3	232.7	280.6	380.6	526.5	697.5
Australia	—	—	3.0	13.9	17.4	18.4	21.1	20.1	26.1	30.4	33.0	33.0
Brazil	—	—	—	16.0	30.0	32.5	35.6	54.2	51.6	58.9	61.7	75.4
India	—	—	—	—	7.0	11.8	15.7	15.6	21.8	25.2	24.6	30.3
Republic of South Africa	—	—	—	—	—	6.2	15.6	18.6	23.8	25.2	24.1	28.5
Argentina †	—	—	—	—	—	—	3.5	10.4	17.1	22.8	38.0	39.0
Mexico †	—	—	—	—	—	—	—	0.8	20.0	34.0	36.0	40.0
Total †	1602.5	1935.0	2037.0	2307.5	2523.0	2885.0	3097.5	3431.0	3515.0	4052.5	4575.0	4867.5

† Estimated

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

Table 70

EXPORTS OF SYNTHETIC RUBBER FROM MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

(1)	1959 (2)	1960 (3)	1961 (4)	1962 (5)	1963 (6)	1964 (7)	1965 (8)	1966 (9)	1967 (10)	1968 (11)	1969 (12)	1970 (13)
U. S. A.	295.1	347.4	301.7	308.8	288.0	326.4	287.1	313.5	305.0	295.3	233.3	299.5
Canada	77.0	110.0	118.9	114.3	119.7	138.2	130.7	130.5	116.2	114.0	107.1	133.5
U. K.	6.9	20.4	22.2	28.4	35.2	42.7	51.7	59.2	55.7	71.1	98.8	118.3
F. R. Germany	12.0	21.4	18.6	24.8	39.7	44.6	54.0	60.2	61.3	85.4	111.5	106.0
Italy	24.7	37.0	45.9	41.3	52.3	54.5	60.9	42.9	46.5	59.2	60.5	45.5
France	2.3	6.3	9.8	23.9	42.0	58.5	74.6	82.2	96.3	124.0	164.4	165.2
Netherlands	1.0	6.6	22.6	40.3	62.3	79.6	101.7	111.6	120.4	139.2	193.8	176.9
Japan	—	0.6	5.4	6.3	8.3	15.6	31.3	50.0	58.5	87.1	119.8	192.5
Brazil	—	—	—	—	1.4	5.1	7.1	10.9	6.1	1.3	4.5	3.7
Belgium *	—	—	—	—	—	15.0	20.0	20.0	20.0	25.0	35.0	36.0
Czechoslovakia *	—	—	—	—	—	—	—	0.5	5.2	4.8	6.2	8.3
Poland	0.2	9.4	9.8	10.1	7.6	5.2	3.9	2.2	2.6	2.3	3.3	2.9
South Africa	—	—	—	—	—	—	1.0	2.0	2.3	3.0	2.4	7.0
Spain	—	—	—	—	—	—	—	—	1.8	2.0	1.9	1.7
Total	419.2	559.1	554.9	598.2	656.5	785.4	834.0	885.7	897.9	1013.7	1142.5	1297.0

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

Table 71

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

(1)	1959 (2)	1960 (3)	1961 (4)	1962 (5)	1963 (6)	1964 (7)	1965 (8)	1966 (9)	1967 (10)	1968 (11)	1969 (12)	1970 (13)
U. S. A.	1089.9	1096.6	1119.9	1276.1	1327.8	1474.8	1564.8	1692.8	1654.4	1926.6	2086.5	1948.6
U. K.	81.5	117.7	122.2	134.9	145.8	168.4	182.7	199.0	205.5	234.0	256.0	273.6
France	67.3	92.2	97.1	110.1	126.3	147.4	154.4	175.1	188.3	196.0	226.2	252.9
F. R. Germany	74.6	106.1	122.2	131.4	145.2	177.1	208.5	212.2	200.6	253.0	328.0	358.2
Italy	38.0	58.0	65.0	73.0	92.0	97.0	113.0	132.0	155.0	160.0	178.0	197.0
Netherlands	7.6	11.7	12.7	13.8	14.8	18.6	20.6	23.8	24.3	28.2	28.2	28.8
Australia	18.9	25.9	23.6	25.8	33.3	35.8	37.5	36.6	39.6	44.7	42.7	46.6
Brazil	9.5	16.6	20.8	29.2	34.4	40.9	37.9	51.4	57.0	70.5	71.0	85.4
Canada	58.1	56.8	63.7	74.2	88.1	92.3	97.7	108.9	110.4	106.2	129.1	135.5
India	4.4	6.6	9.6	10.5	11.6	14.1	20.4	21.9	25.2	24.5	30.8	31.8
Japan	35.0	61.6	85.2	106.0	127.5	162.1	175.5	222.0	273.0	348.0	426.0	496.0
China *	5.5	16.0	14.0	0.2	—	0.5	1.0	5.0	10.2	13.5	10.7	22.2
Others †	114.0	184.0	218.0	253.0	293.5	396.0	458.5	479.5	504.0	577.0	672.0	748.0
Total ‡	1605.0	1850.0	1975.0	2238.0	2437.5	2825.0	3072.5	3360.0	3447.5	3982.5	4455.0	4625.0

* Estimated imports

† Estimated

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

Table 72

PRODUCTION OF RECLAIMED RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

(1)	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
U. S. A.	207.4	297.5	268.1	285.0	286.0	280.7	284.8	281.8	247.6	261.3	242.7	203.8
U. K.	43.0	47.0	47.3	46.0	44.4	45.8	43.3	35.8	30.4	33.5	28.7	23.8
F. R. Germany*	43.3	50.1	42.6	47.5	46.8	46.8	46.9	38.8	30.0	33.5	28.7	23.8
Canada	7.9	10.1	6.2	7.5	7.6	12.6	6.9	5.8	15.0	15.8	15.0	12.2
Brazil	9.5	11.4	10.6	11.4	14.0	12.6	10.0	11.9	14.5	18.9	18.7	20.9
Australia			9.2	11.8	11.8	12.3	11.3	10.0	9.5	9.6	7.9	8.9
Total	317.8	422.8	387.0	407.0	410.3	404.7	396.3	385.1	350.1	374.4	347.0	297.5

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

Table 73

CONSUMPTION OF RECLAIMED RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Metric Tonnes)

(1)	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
U. S. A.	295.1	281.0	254.3	267.6	267.9	267.4	273.9	268.8	243.1	254.4	235.5	202.8
U. K.	35.5	35.8	35.2	36.7	36.9	37.4	35.0	32.1	30.2	29.6	27.0	23.8
F. R. Germany*	42.4	46.2	46.4	43.2	43.8	45.0	42.3	37.7	32.1	36.3	35.2	32.3
Canada	1.4	1.6	1.6	1.8	2.0	19.2	18.5	19.0	18.3	16.8	17.4	16.3
Brazil	8.3	10.3	10.2	12.3	13.8	12.7	9.8	12.3	14.5	18.1	18.1	20.6
Australia	9.5	11.4	9.4	11.9	11.8	12.0	12.1	10.0	14.9	14.9	8.8	8.9
France	28.9	30.0	29.6	32.7	32.3	30.9	30.8	32.8	32.3	N.A.	N.A.	N.A.
Total	437.1	431.4	397.6	422.7	425.6	424.7	422.4	412.7	380.2	N.A.	N.A.	N.A.

* Figures exclude rubber consumed outside the rubber industry
 N.A. Not Available
 Source: 'Rubber Statistical Bulletin' of the International Rubber Study Group

Table 74

PRODUCTION, CONSUMPTION AND STOCK OF NATURAL AND SYNTHETIC RUBBER

(In Thousand Metric Tonnes)

YEAR	NATURAL RUBBER				SYNTHETIC RUBBER			
	New Supply*	Consumption†	Excess (+) or Deficiency (-) compared with consumption	Stock at the end of the year	New Supply‡	Consumption§	Excess (+) or Deficiency (-) compared with consumption	Stock at the end of the year
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1959	2085.0	2150.0	(-) 65.0	460.0	1665.0	1605.0	(+) 60.0	340.0
1960	2175.0	2095.0	(+) 80.0	520.0	1937.5	1850.0	(+) 87.5	412.5
1961	2155.0	2157.5	(-) 2.5	497.5	2040.0	1975.0	(+) 65.0	442.5
1962	2220.0	2250.0	(-) 30.0	532.5	2310.0	2237.5	(+) 72.5	472.5
1963	2195.0	2257.5	(-) 62.5	492.5	2527.5	2437.5	(+) 90.0	530.0
1964	2372.5	2285.0	(+) 87.5	562.5	2892.5	2825.0	(+) 67.5	580.0
1965	2502.5	2415.0	(+) 87.5	562.5	3110.0	3072.5	(+) 37.5	610.0
1966	2597.5	2577.5	(+) 20.0	602.5	3450.0	3360.0	(+) 90.0	672.5
1967	2587.5	2490.0	(+) 97.5	670.0	3540.0	3447.5	(+) 92.5	717.5
1968	2707.5	2847.5	(-) 140.0	632.5	4085.0	3982.5	(+) 102.5	760.0
1969	2922.5	2982.5	(-) 60.0	672.5	4612.5	4455.0	(+) 157.5	907.5
1970	2927.0	2992.5	(-) 65.0	762.5	4902.5	4625.0	(+) 277.5	1157.5

* Production (vide table 66) plus deliveries from Government stock piles.

† Vide table 68.

‡ Production (vide table 69) plus additional imports from Eastern Europe.

§ Vide table 71.

Table 75

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

YEAR (1)	U. S. A. (2)	U. K. (3)	France (4)	F. R. Germany (5)	Italy (6)	Netherlands (7)	Australia (8)	Brazil (9)	Canada (10)	India (11)	Japan (12)	World* (13)
1956	60.87	17.03	19.02	21.18	21.48	14.80	21.56	1.39	52.93	7.67	7.61	41.38
1957	63.22	24.07	26.97	25.68	27.40	20.00	31.12	2.26	53.79	8.71	9.06	43.80
1958	64.49	26.28	28.70	29.60	33.37	20.49	32.09	4.21	55.75	8.56	11.42	44.34
1959	65.50	30.32	33.16	33.76	38.00	26.11	32.93	17.42	56.37	10.09	17.81	48.24
1960	69.26	39.17	41.62	41.76	43.61	35.96	40.83	27.16	61.36	12.80	26.78	52.06
1961	72.06	42.16	42.93	46.96	44.83	37.64	44.48	34.56	66.39	16.57	32.28	54.29
1962	73.07	44.71	46.41	46.99	47.71	40.22	43.26	41.77	67.73	16.74	35.45	56.38
1963	74.08	45.96	49.79	48.81	51.11	42.63	47.38	48.78	69.92	16.18	39.48	57.87
1964	75.09	47.81	53.70	53.30	53.89	45.79	47.90	55.55	69.33	18.97	44.03	60.03
1965	74.95	49.46	55.76	56.91	56.50	49.71	50.44	58.78	69.20	23.99	46.55	61.20
1966	75.33	51.97	58.16	57.38	59.09	51.35	51.51	62.49	69.73	24.76	50.68	62.46
1967	76.91	53.52	59.57	58.67	60.78	55.18	51.77	63.96	70.53	25.82	52.91	63.39
1968	76.52	54.67	60.34	59.81	61.54	57.86	53.78	64.90	70.01	22.55	57.71	64.42
1969	77.19	57.22	60.51	63.17	63.57	58.11	51.73	66.97	72.22	26.19	61.38	65.93
1970	77.42	59.25	61.80	64.08	63.55	59.64	54.21	69.91	72.80	26.89	63.67	66.11

* Excluding Eastern Europe and China
Source: "Rubber Statistical Bulletin" of the International Rubber Study Group.

Table 76

ESTIMATED PER CAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES

(Kgs)

COUNTRY (1)	1954 (2)	1960 (3)	1966 (4)	1967 (5)	1968 (6)	1969 (7)
U. S. A.	7.71	8.76	11.41	10.80	12.51	12.96
Canada	4.76	5.16	7.79	7.65	7.30	8.48
Australia	5.17	6.17	6.12	6.47	6.91	6.71
U. K.	5.08	5.74	6.99	6.97	7.74	8.06
F. R. Germany	3.04	4.77	6.43	5.93	7.29	8.84
France	3.36	4.85	6.12	6.38	6.51	7.43
Japan	1.09	2.47	4.43	5.16	5.97	6.78
Italy	1.41	2.68	4.30	4.87	4.93	5.34
Netherlands	2.00	2.84	3.72	3.49	3.84	3.80
Brazil	0.68	0.88	0.99	1.04	1.23	1.17
India	0.07	0.12	0.18	0.19	0.21	0.22

Table 77

WORLD PRICE OF NATURAL RUBBER

(Average Price of RSS 1/RMA 1 per 100 kg)

YEAR (1)	LONDON (Sps)		NEWYORK		SINGAPORE		COLOMBO (excluding export duties) Ceylon		COCHIN ^{††} Rs. ‡
	Pound sterling (2)	Equivalent rate in Rs. ‡ (3)	US dollars (4)	Equivalent rate in Rs. ‡ (5)	Singapore dollars (6)	Equivalent rate in Rs. ‡ (7)	Rs. (8)	Equivalent rate in Rs. ‡ (9)	
1959	27.65	369	80.58	384	223.9	348	278.2	278	325
1960	29.53	394	84.12	400	238.3	371	272.7	273	325
1961	22.74	303	65.05	310	184.2	287	221.3	221	325
1962	21.40	285	62.96	300	172.4	268	215.6	216	325
1963	19.99	266	57.89	276	159.7	248	204.3	204	325
1964	18.92	252	55.65	265	150.2	234	197.3	197	325
1965	19.70	263	56.64	270	154.4	240	201.5	202	360
1966	18.23	383 ^{iv}	52.08	391 ^{iv}	144.1	353 ^{iv}	196.4	309 ^{iv}	591
1967	15.89	286+	43.88	329 ^{iv}	119.2	292 ^{iv}	173.5	219+	410
1968	17.25	310+	43.74	328 ^{iv}	117.1	287 ^{iv}	194.5	245+	436
1969	23.10	416+	57.75	433 ^{iv}	153.9	377 ^{iv}	228.9	288+	545
1970	18.70	337+	46.25	347 ^{iv}	124.4	305 ^{iv}	200.1	252+	489

Note: ‡ Rounded in Rs.

† Average price in force during the period excluding cess and sales tax

iv At Indian post devaluation parity

+ At UK and Ceylon post devaluation parity

The figures except for Cochin (India) are compiled from the 'Rubber Statistical Bulletin' of the International Rubber Study Group.

Charts and Diagrams

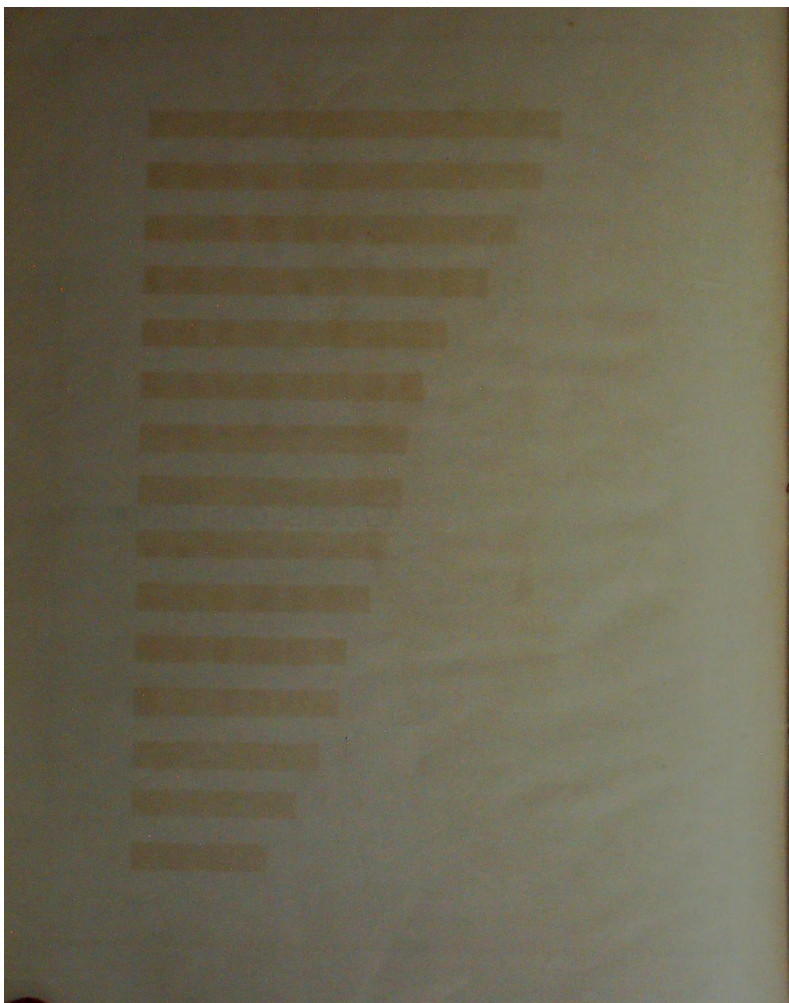


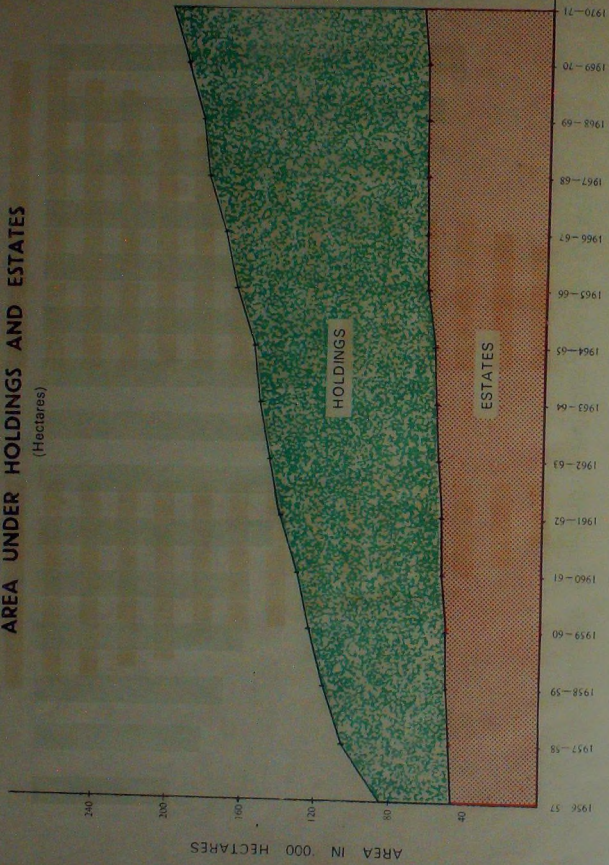
CHART No. 1

NUMBER OF RUBBER HOLDINGS AND ESTATES

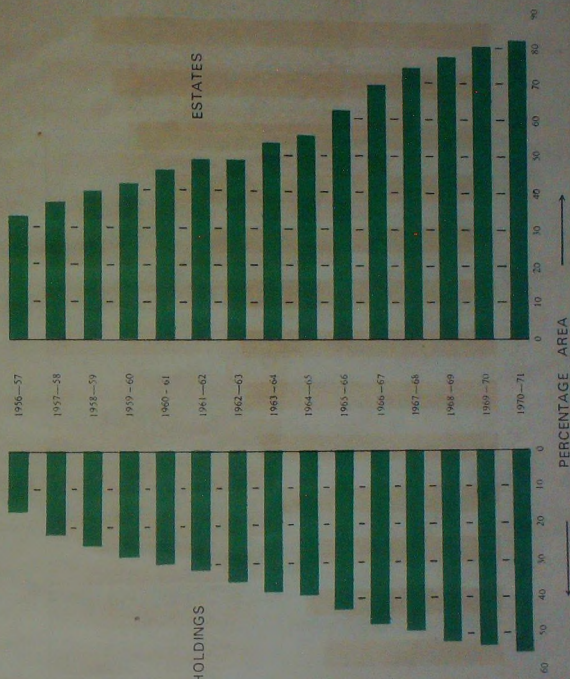


CHART No. 2

AREA UNDER HOLDINGS AND ESTATES (Hectares)



AREA UNDER HIGH YIELDING RUBBER AS PERCENTAGE TO TOTAL AREA



AVERAGE YIELD PER HECTARE OF RUBBER (Kilograms)



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

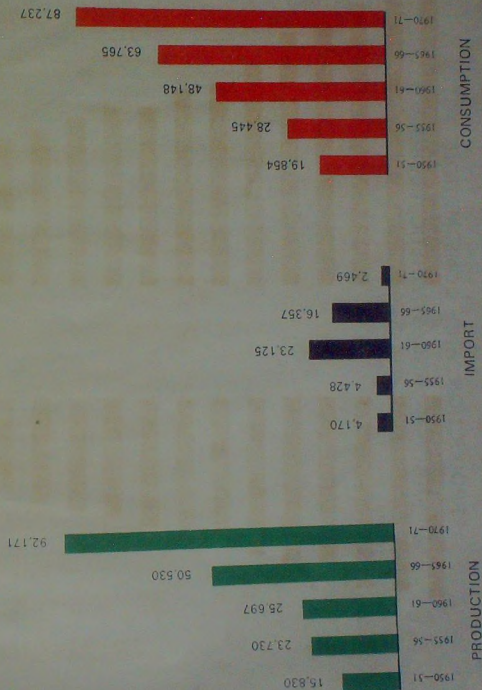
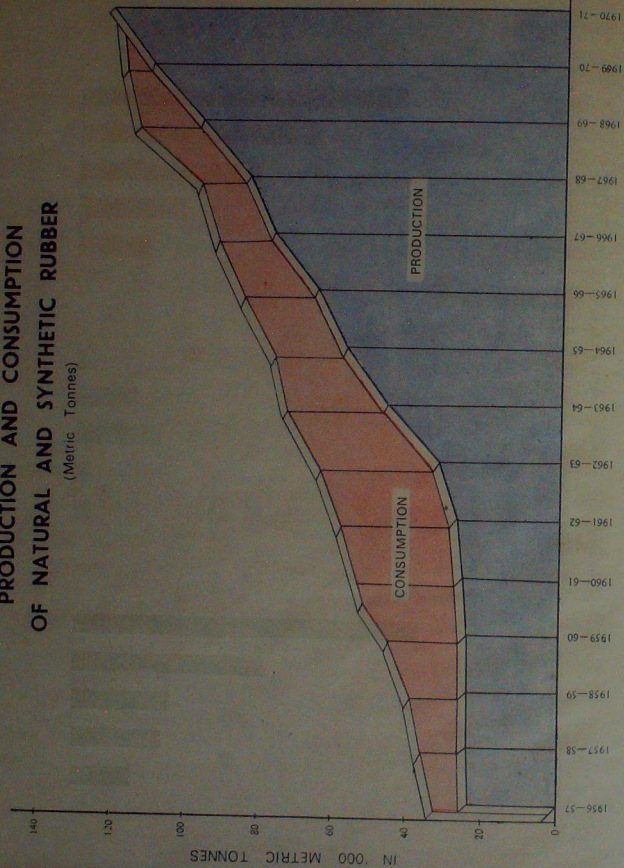


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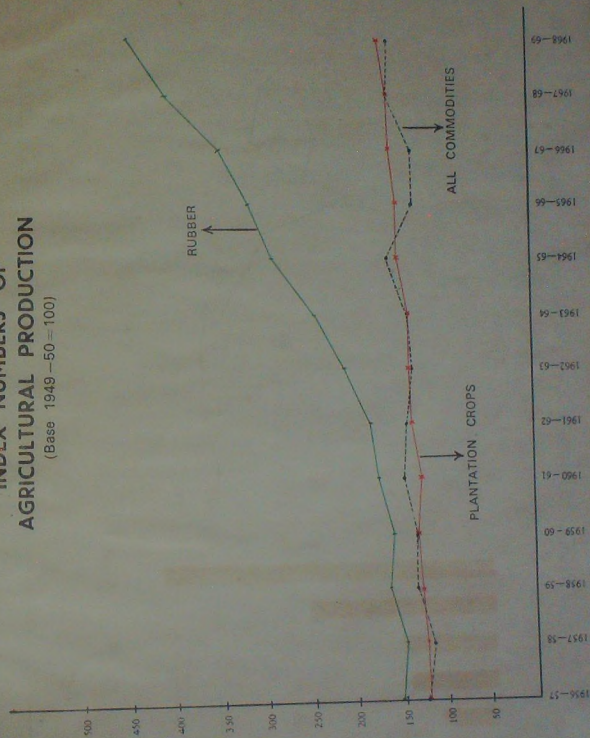
PRODUCTION AND CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER

(Metric Tonnes)

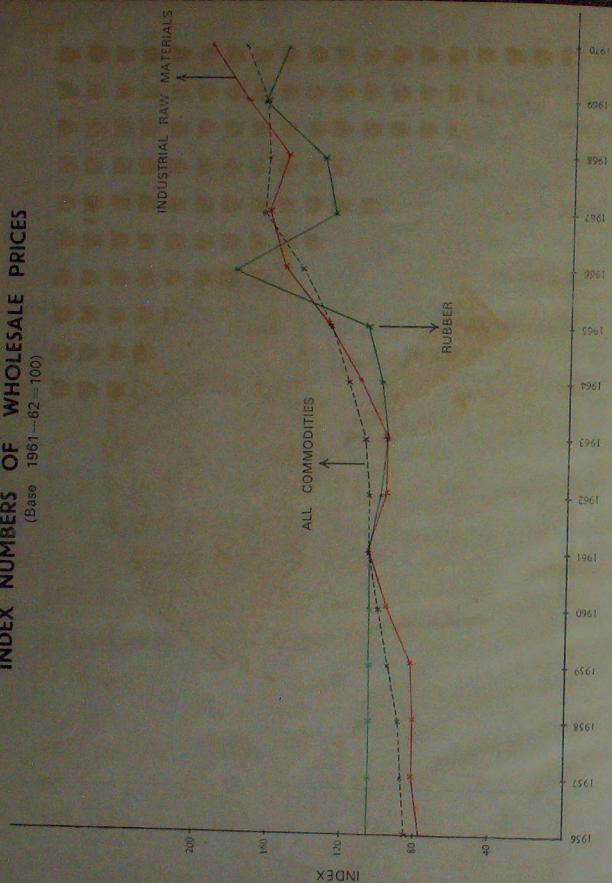


INDEX NUMBERS OF AGRICULTURAL PRODUCTION

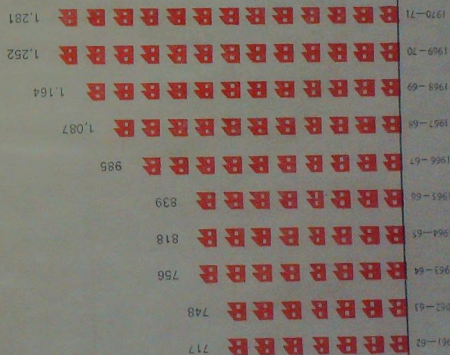
(Base 1949-50 = 100)



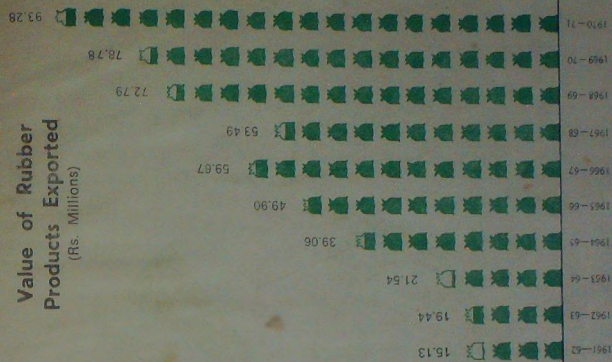
INDEX NUMBERS OF WHOLESALE PRICES (Base 1961-62 = 100)



Number of Rubber Goods Manufacturers

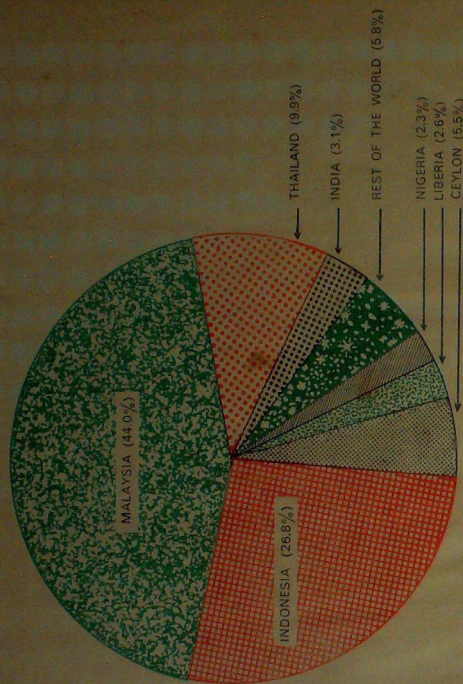


Value of Rubber Products Exported (Rs. Millions)



Note: The export figures for 1970-71 shown

SHARE OF INDIA IN WORLD PRODUCTION OF NATURAL RUBBER (1970)



Figures in brackets indicate percentage production to total world production.

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