

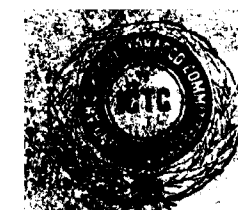
T**B**AC**C**O B**U**LL**E**T**I**N

VOLUME XI No. 2

APRIL-JUNE 1961

3/10

1/61



INDIAN CENTRAL TOBACCO COMMITTEE

(MINISTRY OF FOOD AND AGRICULTURE, GOVERNMENT OF INDIA)

INDIAN TOBACCO

A MONOGRAPH

A treatise on Indian tobacco in three parts :

PART I — Introduction, Soils and Climate, Taxonomy, Morphology, Anatomy, Sporogenesis and Embryology, Cytology and Cyto-genetics, Genetics and Plant breeding, Physiology, Agronomy, Chemistry, Diseases, Insect pests, Methods of curing and Seed multiplication.

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TOBACCO BULLETIN

ISSUED BY THE

INDIAN CENTRAL TOBACCO COMMITTEE

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As the information in this Bulletin has been collected from various sources, the Indian Central Tobacco Committee cannot take responsibility for its correctness at this stage. The statistics may require revision here and there in the light of further information and post-mortem investigations. Changes, if any, will be incorporated in the subsequent numbers.

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TOBACCO BULLETIN

(QUARTERLY)

ISSUED BY THE

INDIAN CENTRAL TOBACCO COMMITTEE

Vol. XI

APRIL — JUNE 1961

No. 2

Statistic of exports and imports of unmanufactured tobacco as well as manufactured tobacco from and into India, Crop and Market Condition reports from different districts in Andhra Pradesh, Madras, Mysore, Punjab and West Bengal States find a place in this issue as usual. A graph showing Excise Earnings from tobacco during 1955-56 to 1959-60 and a note on "World Tobacco Production in 1960" have also been included in this issue.

An additional feature entitled "You Ask, We Answer" is being started in this issue for the benefit of readers which gives answers to Questions on matters connected with tobacco cultivation and industry. Questions from readers and others will be welcome.

During the year 1960, the total export of tobacco from India to various countries was about 42.7 million kg. valued at Rs. 15.7 crores. Out of which, un-

were about 41.1 million kg. and 1.6 million kg. valued at Rs. 14.6 crores and Rs. 1.1 crores respectively.

Total imports of tobacco into India during the year 1960 was about 2.5 lakhs kg. valued at Rs. 24.9 lakhs.

The Grading Report reveals that 14.8 million kg. of tobacco valued at Rs. 7.0 crores have been graded and marked for export during January-March 1961.

"Indian Tobacco—Facts and Figures", News and Notes, "Revised Index of Cigarette Production, Tobacco manufactures—Cigarettes", Meteorological Data for different centres during February and March 1961, and other useful information of trade interest, also appear in this issue.

The Government of India Notifications in connection with tobacco, its trade, etc. and Trade Agreement with the Government of Greece are also published in this issue under the column "Announcement".

M. S. PATEL,
Secretary.

TOBACCO BULLETIN

INDIAN TOBACCO

Facts and Figures

I. INDIA'S POSITION :		2. UNMANUFACTURED TOBACCO	
(a) In World Tobacco		(a) Quantity	.. 41.1
Production	.. THIRD	(b) Value	.. 146.3
(b) In World Tobacco		(i) Virginia Flue-cured	
Exports	.. FIFTH	(a) Quantity	.. 28.4
		(b) Value	.. 108.6
II. PLACE OF TOBACCO :		(ii) Virginia Sun-cured	
(a) Among Excisable Commo-		(a) Quantity	.. 1.2
dities in India	.. THIRD	(b) Value	.. 2.1
(b) In India's Export Trade	.. NINTH	(iii) Sun-cured Country	
III. AREA (In Thousand Hectares).		(a) Quantity	.. 1.3
	1959-60	(b) Value	.. 2.4
1. All-India Total	.. 378	(iv) Chewing Tobacco	
Virginia	.. 90	(a) Quantity	.. 3.5
2. Andhra Pradesh	.. 150	(b) Value	.. 4.7
3. Gujarat State	.. 67	3. MANUFACTURED TOBACCO	
4. Mysore State	.. 42	(a) Quantity	.. 1.6
5. Madras State	.. 16	(b) Value	.. 10.9
6. Uttar Pradesh	.. 17	VIII. IMPORTS :	
7. Bihar	.. 18	TOTAL	
8. West Bengal	.. 15	(a) Quantity in million kg.	0.2
9. Maharashtra	.. 23	(b) Value in million Rupees	2.5
IV. PRODUCTION (In Million Kilograms).		IX. VALUE OF THE CROP :	
1. All-India Total	.. 286	(In crores of Rupees)	
Virginia	.. 63	(Estimated) (1959-60)	.. 50
2. Andhra Pradesh	.. 118	X. SEED YIELD OF ONE	
3. Gujarat State	.. 47	AVERAGE TOBACCO PLANT :	
4. Mysore State	.. 25	(Estimated)	.. 1 oz.
5. Madras State	.. 22	XI. NUMBER OF REDRYING	
6. Uttar Pradesh	.. 13	PLANTS	
7. Bihar	.. 15		.. 28
8. West Bengal	.. 11	XII. NUMBER OF CIGARETTE	
9. Maharashtra	.. 14	FACTORIES	
V. EXCISE REVENUE — 1959-60 :			.. 14
(In crores of Rs.)	.. 54	XIII. PRODUCTION OF	
VI. IMPORT DUTY — 1959-60 :		CIGARETTES :	
(In crores of Rs.)	.. 1.8	(In crore pieces)	
VII. EXPORTS :		(1960 Provisional)	.. 3,700
(Quantity in million Kilograms		XIV. NUMBER OF BĪDIS ROLLED :	
and value in million Rupees)		(In crore pieces)	
(During the year 1960) —		(Estimated 1959-60)	14,600
1. TOTAL			
(a) Quantity	.. 42.7		
(b) Value	.. 157.2		

APRIL-JUNE 1961

INDIAN TOBACCO EXPORTS

Unmanufactured Tobacco

During the year 1960

Countries	For manufacture of Bidis		For manufacture of Chewing Tobacco		Natu Desi Sun-Cured for Cigarette manufacture		Virginia Flue-Cured for Cigarette manufacture		Virginia Sun-Cured for Cigarette manufacture	
	Quantity in kg. (1)	Value in Rs. (2)	Quantity in kg. (3)	Value in Rs. (4)	Quantity in kg. (5)	Value in Rs. (6)	Quantity in kg. (7)	Value in Rs. (8)	Quantity in kg. (9)	Value in Rs. (10)
Aden	23,899	24,585	3,443,081	44,82,206	11,307	6,521	44,333	18,816	21,420	10,710
Algeria	..	..	..	..	..	..	339,188	3,99,595	..	..
Austria	..	..	..	..	..	9,788	705,747	5,42,016	..	..
Bahrain Islands	..	..	1,023	1,625	..	..	..	..	..	..
Barbados	..	..	..	..	..	..	24,061	64,528	..	..
Belgian Congo	..	..	..	..	..	..	21,102	30,783	..	..
Belgium	..	..	..	..	..	4,43,533	1,510,275	18,80,029	60,541	1,10,533
Br. Guiana	..	..	..	..	..	..	27,213	76,781	..	..
Cambodia	..	..	..	..	..	..	22,735	20,485	..	..
Ceylon	8,449	39,202	..	..	..	..	155,442	3,76,345	..	..
China	..	..	..	..	..	..	25,706	26,441	..	..
Czechoslovakia	..	..	..	..	..	12	10,603	5,71,267	..	..
Denmark	..	..	..	..	..	..	117,644	5,30,262	..	..
Egypt	..	..	..	..	..	6,24,719	836,917	16,59,682	..	3,43,154
Finland	..	..	..	..	..	12,202	..	..	407,306	..
France	..	..	..	..	..	..	..	..	..	..
Fr. W. Africa	..	..	..	..	..	..	812,492	3,34,675	4,990	3,674
Germany Western	..	..	..	..	..	..	1,323,193	10,72,517	..	..
Ghana	..	..	..	..	..	..	..	5,002	..	..
Hongkong	..	..	..	..	..	..	371,429	10,56,723	..	..
Irish Republic	..	..	..	..	113	75	619,362	7,91,716	..	..
Italy	..	..	..	..	..	..	377,629	25,03,852	..	..
Japan	..	..	..	..	..	..	15,000	15,450	..	..
	..	..	..	..	..	94,105	5,050	26,211	..	..
	..	..	..	..	..	1,65,529	..	..	..	..

Unmanufactured Tobacco—(contd.)

Countries	For manufacture of Bidis		For manufacture of Chewing Tobacco		Natu Desi Sun-Cured for Cigarette manufacture		Virginia Flue-Cured for Cigarette manufacture		Virginia Sun-Cured for Cigarette manufacture	
	Quantity in kg. (1)	Value in Rs. (2)	Quantity in kg. (3)	Value in Rs. (4)	Quantity in kg. (5)	Value in Rs. (6)	Quantity in kg. (7)	Value in Rs. (8)	Quantity in kg. (9)	Value in Rs. (10)
Kuwait	..	..	..	..	..	..	..	..	..	..
Libya	..	..	..	..	..	..	157,453	5,65,487	..	..
Malaya	..	..	..	3,909	15,095	..	276,384	8,06,941	..	..
Maldives	2,473	10,434	..	..	..	..	..	..	..	..
Madagascar	..	..	..	..	..	..	70,249	64,359	..	..
Malta & Gozo	..	..	..	..	..	..	60,286	1,63,881	..	..
Mauritius	..	..	..	..	..	..	2,212	11,407	..	..
Morocco	..	..	..	..	..	..	175,036	1,54,672	..	..
Muscat	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	..	61,319	78,630	16,05,718	42,562	58,560
Nigeria	..	..	..	..	..	..	322,448	8,75,130	..	..
Pakistan Western	..	..	..	..	..	3,231	2,210	35,983	31,087	17,450
Portugal	..	..	..	..	..	..	59,769	28,652	..	..
Sarawak	..	..	..	..	..	..	19,995	41,452	..	..
Singapore	14,805	36,965	..	71,141	1,68,612	..	23,631	20,02,844	..	..
Sp. W. Africa	..	..	..	..	..	..	314,558	20,02,844	..	..
Sudan	..	..	..	..	..	..	6,967	11,947	..	..
Switzerland	..	..	..	..	..	..	106,605	2,93,568	186,226	3,96,908
Sweden	..	..	..	..	..	17,724	8,683	46,243	..	..
United Kingdom	..	..	..	..	..	..	181,720	3,34,683	..	..
U.S.A.	..	..	..	..	..	260,623	9,56,799	8,27,48,321	402,937	11,08,539
U.S.S.R.	..	..	..	..	..	680	833	950	..	..
Zanzibar	1,103	2,861	..	..	..	..	4,125,930	62,68,929	548	1,272
	..	..	..	..	..	..	..	..	..	..
Total	50,729	1,14,047	3,519,154	46,67,738	1,345,645	23,73,223	28,396,380	10,85,64,243	1,157,617	20,50,800

INDIAN TOBACCO EXPORTS—(Contd.)

Unmanufactured Tobacco—(Contd.)

During the year 1960

Countries	For manufacture of Cigars and Cheroots		For manufacture of Hookah Tobacco		Tobacco Stalks and stems		Other Tobacco		Total	
	Quantity in kg. (12)	Value in Rs. (13)	Quantity in kg. (14)	Value in Rs. (15)	Quantity in kg. (16)	Value in Rs. (17)	Quantity in kg. (18)	Value in Rs. (19)	Quantity in Kg. (20)	Value in Rs. (21)
Aden	..	..	1,696	9,115	3,051	3,960	263,453	1,54,771	3,312,265	47,10,684
Algeria	..	..	..	..	..	..	..	..	339,183	3,99,395
Austria	..	..	..	..	..	..	..	..	725,877	5,51,804
Bahrain Islands	..	..	..	..	..	..	228	276	1,251	1,901
Barbados	..	..	..	..	..	..	..	..	24,061	64,528
Belgian Congo	..	..	..	..	..	..	..	..	21,102	39,783
Belgium	..	..	..	..	..	..	300,329	5,69,634	2,113,647	29,94,723
Br. Guiana	..	..	..	..	14,354	32,349	14,145	46,460	55,712	1,55,590
Cambodia	..	..	..	..	..	..	..	..	22,725	20,485
Ceylon	198	940	12,447	57,316	..	..	..	..	176,542	9,73,303
China	..	..	..	..	..	..	..	..	25,706	26,441
Czechoslovakia	..	..	..	..	..	..	..	..	101,615	5,71,319
Denmark	..	..	..	..	..	..	..	..	117,644	5,30,262
Egypt	..	..	..	..	..	..	370,514	7,52,662	2,236,434	33,80,217
Finland	..	..	..	..	..	..	6,123	20,644	18,325	62,377
France	..	..	..	..	..	..	..	..	617,482	3,38,549
Fr. W. Africa	..	2,685	..	..	..	..	..	..	1,423,198	10,72,517
Germany Western	268	..	..	..	..	..	2,715	7,073	6,627	14,760
Ghana	..	..	..	..	..	..	..	..	331,489	10,56,723
Hongkong	..	..	9,072	1,600	5,023	6,736	20,333	26,903	660,103	8,27,030
Irish Republic	..	..	..	..	..	..	1,467,552	91,16,544	1,845,332	1,16,20,396
Italy	..	..	..	..	..	..	..	..	15,000	15,450
Jamaica	..	..	..	..	..	..	..	..	5,050	26,211
Japan	..	..	..	..	..	..	..	..	94,105	1,65,529

Unmanufactured Tobacco—(Contd.)

Countries	For manufacture of Cigars and Cheroots		For manufacture of Hookah Tobacco		Tobacco Stalks and stems		Other Tobacco		Total	
	Quantity in kg. (12)	Value in Rs. (13)	Quantity in kg. (14)	Value in Rs. (15)	Quantity in kg. (16)	Value in Rs. (17)	Quantity in kg. (18)	Value in Rs. (19)	Quantity in Kg. (20)	Value in Rs. (21)
Kuwait	..	..	..	..	..	..	686	1,492	686	1,492
Libya	..	..	..	..	..	..	..	..	157,453	5,65,487
Malaya	4,409	18,618	..	..	..	..	5,160	13,734	289,362	8,54,388
Maldives	..	..	..	..	..	..	835	920	3,308	11,354
Madagascar	..	..	..	..	..	..	..	..	70,249	64,359
Malta & Gozo	..	..	..	..	..	..	..	..	60,286	1,63,881
Mauritius	..	..	..	..	..	..	..	..	2,212	11,407
Morocco	..	..	..	..	..	..	..	..	175,036	1,54,672
Muscat	..	..	..	..	..	..	47	107	47	107
Netherlands	..	..	..	..	..	..	360,153	5,27,465	1,491,392	22,70,393
Nigeria	..	..	..	..	..	..	..	..	322,448	8,75,130
Pakistan Western	..	..	..	..	..	..	..	..	94,087	55,643
Portugal	..	..	..	..	..	..	..	..	19,995	28,652
Sarawak	..	..	..	..	..	..	5,827	8,873	29,458	50,325
Singapore	10,639	56,824	..	..	..	..	237,155	7,06,258	1,148,298	29,71,703
Sp. W. Africa	..	..	..	..	..	..	..	..	6,967	11,947
Sudan	..	..	..	..	..	..	..	..	292,831	6,90,476
Switzerland	..	..	..	..	..	..	91,251	1,22,049	117,658	2,11,293
Sweden	..	..	..	..	..	..	123,076	2,14,189	309,796	5,48,872
United Kingdom	..	..	..	..	..	..	2,253,769	1,60,71,223	17,556,486	10,08,84,882
U.S.A.	..	..	..	..	..	..	..	..	1,773	1,483
U.S.S.R.	..	..	..	..	..	..	16	33	4,126,494	62,70,234
Zanzibar	..	..	..	..	..	..	..	..	1,103	2,861
Total	15,514	79,067	23,215	68,031	22,428	43,045	6,537,773	2,83,52,530	41,068,455	14,63,12,724

INDIAN TOBACCO EXPORTS—(Contd.)

During the year 1960

Manufactured Tobacco

Countries	Cigars & Cheroots		Cigarettes		Bidis		Chewing Tobacco		Hookah Tobacco		Jarda Scented Tobacco	
	Quan- tity in kg. (2)	Value in Rs. (3)	Quan- tity in kg. (4)	Value in Rs. (5)	Quan- tity in kg. (6)	Value in Rs. (7)	Quan- tity in kg. (8)	Value in Rs. (9)	Quan- tity in kg. (10)	Value in Rs. (11)	Quan- tity in kg. (12)	Value in Rs. (13)
Aden	127	1,313	104	1,306	1,014	7,213	..	..	944	1,255	10,968	14,506
Afghanistan	5	21	8,477	95,453	1,770	11,849	..	..	..	..	..	..
Australia	40	450	..	..	..	..	..	..	..	..	..	..
Bahrain Islands	..	..	235	1,094	271	2,155	69	270	23,728	46,828	..	..
Belgium	650	6,904	..	..	..	..	..	..	..	..	..	..
Ceylon	..	2	2,102	13,483	613,605	66,78,652	..	..	2,187	5,010	..	..
China	..	..	38	540	..	..	..	..	..	..	..	..
Cyprus	1,060	11,926	5	48	..	..	..	..	..	..	..	..
Denmark	76	784	..	..	..	..	..	..	..	..	..	..
Egypt	..	..	2,242	24,238	..	..	..	..	..	..	..	..
Germany Western	..	..	21	640	..	..	..	..	..	..	..	..
Iraq	123	2,625	1	8	..	..	..	..	..	..	..	..
Jordan	..	..	1	2,140	..	..	..	..	..	..	..	..
Kenya	..	..	161	9,530	535	3,174	89	1,003	..	..	16	569
Kuwait	..	..	457	9,530	..	..	..	..	21,327	33,887	515	2,359
Lebanon	..	..	16	98	..	..	..	..	..	..	..	..
Malaya	..	..	..	..	..	..	..	..	..	..	..	..
Maldives	227	450	11,400	72,739	19,911	2,04,498	584	2,595	..	..	..	..
Muscat	..	..	105	1,500	..	..	..	..	..	..	..	..
Nepal	59	499	429	1,947	..	..	..	..	..	..	2	23
Nyasaland	..	..	..	..	..	..	..	..	..	..	..	..
Pakistan Eastern	421	6,093	..	..	..	..	..	..	..	..	..	..
Pakistan Western	2,613	28,812	..	..	..	..	..	..	..	..	..	..
Rhodesia Northern	..	..	..	..	..	..	..	..	..	..	..	..
Rhodesia Southern	..	..	..	..	..	..	..	..	..	..	..	..
Saudi Arabia	..	..	..	..	79	430	5	32	..	..	..	..
Singapore	..	..	..	..	87,259	10,23,736	2,690	9,581	283,559	5,24,071	..	..
Sudan	..	..	1	8	8	67	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Syria	..	..	1	3	..	..	..	..	..	..	..	..
Tanganyika	..	..	..	..	..	..	..	..	..	..	..	..
Trel. Oman	..	..	700	3,855	1,913	11,511	64	1,175	..	..	43	279
Uganda	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	435	4,985	24	403	..	..	..	..	..	..	12	222
U.S.A.	61	300	94	654	..	2	..	..	..	..	..	..
Zanzibar	..	..	..	..	..	..	..	..	..	..	335	2,410
Total	5,897	65,164	26,614	2,29,962	726,365	79,43,287	3,567	15,358	331,745	6,11,051	11,967	20,797

INDIAN TOBACCO EXPORTS—(Contd.)

During the year 1960

Manufactured Tobacco—(contd.)

Countries	Smoking Tobacco Excl. mixtures for Pipes and Cigarettes		Snuff		Tobacco Mixtures for Pipes and Cigarettes		Bidi Tobacco		Other Tobacco		Total	
	Quan- tity in kg. (14)	Value in Rs. (15)	Quan- tity in kg. (16)	Value in Rs. (17)	Quan- tity in kg. (18)	Value in Rs. (19)	Quan- tity in kg. (20)	Value in Rs. (21)	Quan- tity in kg. (22)	Value in Rs. (23)	Quan- tity in kg. (24)	Value in Rs. (25)
Aden	..	..	3,766	35,282	..	..	..	..	..	..	16,943	60,271
Afghanistan	..	..	..	..	..	..	..	..	..	..	10,252	1,07,323
Australia	..	..	..	..	..	..	..	..	..	..	40	450
Bahrain Islands	..	..	15	201	..	..	..	..	..	..	24,318	50,548
Belgium	..	..	..	..	..	..	..	..	..	..	650	6,904
Ceylon	..	..	568	9,231	..	..	503,792	19,03,291	..	..	1,122,254	86,09,689
China	..	..	..	..	..	..	..	..	..	..	38	540
Cyprus	..	..	..	..	..	..	..	..	..	..	1,065	11,974
Denmark	..	..	..	..	..	..	..	..	..	..	76	784
Egypt	..	..	..	..	4	30	..	..	..	..	2,246	24,268
Germany Western	..	..	..	..	..	..	..	..	..	..	21	640
Iraq	..	..	..	..	..	..	..	..	..	..	124	2,632
Jordan	..	..	..	..	..	..	..	..	..	..	1	8
Kenya	..	..	4,492	41,706	..	..	..	..	7	228	4,676	44,634
Kuwait	..	..	103	1,380	..	..	..	..	74	355	23,100	51,738
Lebanon	..	..	..	..	..	..	..	..	..	..	16	88
Malaya	..	..	..	..	..	..	..	..	..	..	20,495	2,07,093
Maldives	..	..	..	..	..	..	..	..	..	..	11,627	73,189
Muscat	..	..	..	..	..	..	..	..	..	..	105	1,500
Nepal	..	..	..	..	..	..	..	..	..	..	494	2,507
Nyasaland	..	..	178	1,728	..	..	..	..	..	..	178	1,728
Pakistan Eastern	..	..	..	..	..	..	..	..	..	..	421	6,093
Pakistan Western	91	2,306	..	..	..	..	..	..	91	2,356	2,795	33,474
Rhodesia Northern	..	..	254	2,278	..	..	..	..	..	..	321	2,826
Rhodesia Southern	..	..	146	1,297	..	..	..	..	..	..	201	1,895
Saudi Arabia	..	..	80	371	..	..	..	..	..	..	283,723	5,95,404
Singapore	..	..	238	1,853	..	..	102	800	..	..	90,289	10,35,970
Sudan	..	..	..	..	..	..	..	..	..	..	9	75
Switzerland	..	..	25	168	..	..	..	..	..	..	25	168
Syria	..	..	..	..	..	..	..	..	..	..	1	8
Tanganyika	..	..	401	4,410	..	..	..	..	..	..	401	4,410
Trel. Oman	..	..	301	2,259	..	..	..	..	..	..	3,021	19,109
Uganda	..	..	131	1,496	..	..	..	..	..	..	131	1,496
United Kingdom	..	..	..	..	..	..	..	..	..	..	471	5,610
U.S.A.	..	..	..	..	..	..	..	..	..	..	155	1,156
Zanzibar	..	..	5,191	40,315	..	..	459	1,282	..	..	5,985	44,007
Total	91	2,306	15,889	1,44,475	8	68	504,353	19,05,373	172	2,939	1,626,668	1,09,40,800

INDIAN TOBACCO EXPORTS—(Contd.)

Total of Unmanufactured and Manufactured Tobacco

During the year, 1960

Countries	Quantity in Kg.	Value in Rs.	Countries	Quantity in Kg.	Value in Rs.
Aden	3,829,208	47,71,555	Maldives	14,935	84,543
Afghanistan	10,252	1,07,323	Malta & Gozo	60,286	1,63,881
Algeria	339,188	3,99,595	Mauritius	2,212	11,407
Australia	40	450	Morocco	175,036	1,54,672
Austria	725,877	5,51,804	Muscat	152	1,607
Bahrein Islands	25,569	52,449	Nepal	494	2,507
Barbados	24,061	64,528	Netherlands	1,491,392	22,70,393
Belgian Congo	21,102	30,783	Nigeria	322,448	8,75,130
Belgium	2,114,297	30,01,633	Nyasaland	178	1,728
Br. Guiana	55,712	1,55,590	Pakistan Eastern	421	6,093
Cambodia	22,725	20,485	Pakistan Western	96,882	89,117
Ceylon	1,298,796	95,83,472	Portugal	19,995	28,652
China	25,744	26,981	Rhodesia Northern	321	2,826
Cyprus	1,065	11,974	Rhodesia Southern	201	1,895
Czechoslovakia	101,615	5,71,319	Sarawak	29,458	50,325
Denmark	117,720	5,31,046	Saudi Arabia	283,723	5,25,404
Egypt	2,238,680	34,04,485	Singapore	1,238,587	40,07,673
Finland	18,325	62,377	Sp. W. Africa	6,967	11,947
France	617,482	3,38,549	Sudan	292,840	6,90,551
Fr. W. Africa	1,423,198	10,72,517	Switzerland	117,683	2,11,461
Germany Western	6,648	15,400	Sweden	309,796	5,48,872
Ghana	331,489	10,56,723	Syria	1	8
Hongkong	660,103	8,27,030	Tanganyika	401	4,410
Iraq	124	2,633	Trcl. Oman	3,021	19,109
Irish Republic	1,845,382	1,16,20,396	Uganda	131	1,496
Italy	15,000	15,450	United Kingdom	17,556,957	10,08,90,492
Jamaica	5,050	26,211	U.S.A.	1,928	2,639
Japan	94,105	1,65,529	U.S.S.R.	4,126,494	62,70,234
Jordan	1	8	Zanzibar	7,088	46,868
Kenya	4,676	44,634			
Kuwait	23,786	53,230	Grand Total	42,695,123	15,72,53,524
Lebanon	16	98			
Libya	157,453	5,65,487			
Madagascar	70,249	64,359			
Malaya	310,357	10,61,481			

Note : 1 Kilogram = 2.2046 lb.
Figures are subject to revision.
Source : Department of Commercial Intelligence and Statistics, Calcutta.

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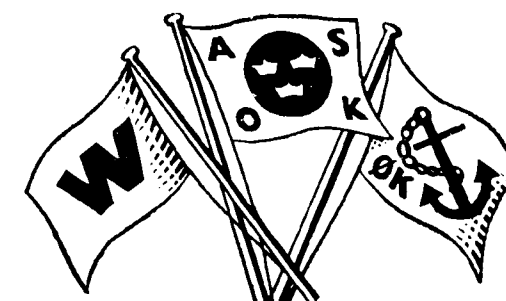
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INDIAN TOBACCO EXPORTS

Unmanufactured Tobacco

April 1960 to January, 1961

Countries	For manufacture of Bidis		For manufacture of Chewing Tobacco		Natu Desi Sun-Cured for Cigarette manufacture		Virginia Flue-Cured for Cigarette manufacture		Virginia Sun-Cured for Cigarette manufacture	
	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Aden	100	727	3,261,222	41,96,628	9,191	5,499	11,597	8,064	14,227	7,209
Algeria	..	..	..	..	..	..	227,279	1,97,802	..	..
Austria	..	..	..	..	20,130	9,788	705,747	5,42,016	..	..
Barbados	..	..	..	..	..	..	31,874	85,656	..	..
Belgian Congo	..	..	..	..	..	..	21,102	30,783	..	..
Belgium	..	..	..	..	246,902	5,02,858	1,495,112	18,95,460	49,532	95,172
Br. Guiana	..	..	..	..	..	..	11,088	32,251	..	..
Cambodia	..	..	..	..	..	..	22,725	20,485	..	..
Ceylon	12,902	49,131	..	..	..	..	155,448	8,76,345	..	..
China	..	..	..	..	..	..	25,706	26,441	..	..
Cyprus	..	..	..	..	..	..	..	..	..	..
Czechoslovakia	..	..	..	..	12	52	101,603	5,71,267	..	..
Denmark	..	..	..	..	..	..	117,644	5,30,262	..	..
Egypt	..	..	..	..	91,387	88,069	581,715	15,32,670	67,698	49,338
Finland	..	..	..	..	12,202	41,533	..	..	..	..
France	..	..	..	..	..	..	601,606	3,22,537	..	..
Fl. W. Africa	..	..	..	..	..	..	1,423,198	10,72,517	..	..
Germany Western	..	..	..	..	..	..	2,138	3,948	..	..
Ghana	..	..	..	..	..	..	179,943	4,62,986	..	..
Hongkong	..	..	..	..	113	75	327,077	4,20,609	..	..
Irish Republic	..	..	..	..	..	..	47,803	3,02,308	..	..
Italy	..	..	..	..	..	..	15,000	15,450	..	..
Jamaica	..	..	..	..	..	..	5,050	26,211	..	..

Unmanufactured Tobacco—(contd.)

Countries	For manufacture of Bidis		For manufacture of Chewing Tobacco		Natu Desi Sun-cured for Cigarette manufacture		Virginia Flue-cured for Cigarette manufacture		Virginia Sun-cured for Cigarette manufacture	
	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Japan	..	..	..	..	..	..	10,194	11,916	..	..
Libya	..	..	..	..	..	..	157,453	5,65,487	..	..
Malaya	..	..	4,913	17,189	..	..	276,384	8,06,941	..	..
Maldives	2,473	10,434	..	..	..	..	..	..	..	..
Madagascar	..	..	..	..	..	..	40,236	35,029	..	..
Malta & Gozo	..	..	..	..	..	..	60,286	1,63,881	..	..
Mauritius	..	..	..	..	..	..	2,212	11,407	..	..
Morocco	..	..	..	..	..	..	175,036	1,54,672	..	..
Muscat	..	..	..	..	..	..	..	..	..	..
Netherlands	..	..	..	..	47,167	53,356	961,808	15,24,233	33,225	47,199
Nigeria	..	..	..	..	..	..	322,448	8,75,130	..	..
Pakistan Western	..	..	..	..	3,231	2,210	59,769	35,983	31,087	17,450
Sarawak	..	..	..	..	..	..	17,333	29,778	..	..
Singapore	..	..	61,292	1,44,984	..	..	586,995	13,32,538	..	..
Sp. W. Africa	..	..	..	..	..	..	6,967	11,947	..	..
Sudan	..	..	..	..	..	..	91,187	2,50,748	159,294	3,38,524
Switzerland	..	..	..	..	17,724	43,001	8,683	46,243	..	..
Sweden	..	..	..	..	..	..	..	..	..	..
United Kingdom	..	..	..	..	254,793	9,41,120	8,356,722	4,66,66,818	402,937	11,08,539
U.S.A.	..	..	..	..	680	833	1,093	650	..	..
U.S.S.R.	..	..	..	..	..	..	4,462,516	67,49,138	548	1,272
Zanzibar	787	1,969	..	..	..	..	..	..	..	..
Total	16,262	62,281	3,327,427	43,56,801	703,532	16,88,396	21,707,777	6,82,48,607	758,548	16,64,703

INDIAN TOBACCO EXPORTS—(Contd.)

Unmanufactured Tobacco—(contd.)

April 1960 to January, 1961

Countries	For manufacture of Cigars and Cheroots		For manufacture of Hookah Tobacco		Tobacco Stalks and stems		Other Tobacco		Total	
	Quantity in kg. (12)	Value in Rs. (13)	Quantity in kg. (14)	Value in Rs. (15)	Quantity in kg. (16)	Value in Rs. (17)	Quantity in kg. (18)	Value in Rs. (19)	Quantity in kg. (20)	Value in Rs. (21)
Aden	..	..	1,696	9,115	3,051	3,960	155,538	1,12,442	3,456,972	43,43,644
Algeria	..	..	..	..	..	..	..	..	227,279	1,97,802
Austria	..	..	..	..	..	..	..	..	725,877	5,51,804
Barbados	..	..	..	..	..	..	..	..	31,874	85,656
Belgian Congo	..	..	..	..	..	..	22,575	33,180	43,677	63,963
Belgium	..	..	..	..	..	..	304,705	5,67,001	2,096,251	30,60,491
Br. Guiana	..	..	..	..	14,354	32,349	14,145	46,460	39,587	1,11,060
Cambodia	..	..	..	..	..	..	..	..	22,725	20,485
Ceylon	198	940	12,447	57,316	..	..	..	..	180,995	9,83,732
China	..	..	..	..	..	..	..	..	25,706	26,441
Cyprus	..	..	..	..	..	..	1,992	5,000	1,992	5,000
Czechoslovakia	..	..	..	..	..	..	..	..	101,615	5,71,319
Denmark	..	..	..	..	..	..	..	..	117,644	5,30,262
Egypt	..	..	..	..	..	..	370,514	7,52,662	1,111,314	24,22,739
Finland	..	..	..	..	..	..	6,123	20,844	18,325	62,377
France	..	..	..	..	..	..	..	..	601,606	3,22,537
Fr. W. Africa	..	..	..	..	..	..	..	..	1,423,198	10,00,517
Germany Western	268	2,685	..	..	..	..	2,715	7,973	5,121	13,706
Ghana	..	..	..	..	..	..	..	..	179,943	4,62,986
Hongkong	..	..	..	..	5,023	6,736	26,533	26,903	358,746	4,54,323
Irish Republic	..	..	..	..	..	..	793,870	46,28,443	841,673	49,30,751
Italy	..	..	..	..	..	..	..	..	15,000	15,450
Jamaica	..	..	..	..	..	..	..	..	5,050	26,211

Unmanufactured Tobacco—(contd.)

Countries	For manufacture of Cigars and Cheroots		For manufacture of Hookah Tobacco		Tobacco Stalks and stems		Other Tobacco		Total	
	Quantity in kg. (12)	Value in Rs. (13)	Quantity in kg. (14)	Value in Rs. (15)	Quantity in kg. (16)	Value in Rs. (17)	Quantity in kg. (18)	Value in Rs. (19)	Quantity in kg. (20)	Value in Rs. (21)
Japan	..	..	..	..	..	..	..	..	10,194	11,916
Libya	..	..	..	..	..	..	..	..	157,453	5,65,487
Malaya	3,376	14,643	..	..	..	..	3,069	6,659	287,742	8,45,432
Maldives	..	..	..	..	..	..	835	920	3,308	11,354
Madagascar	..	..	..	..	..	..	..	..	40,236	35,029
Malta & Gozo	..	..	..	..	..	..	..	..	60,286	1,63,881
Mauritius	..	..	..	..	..	..	..	..	2,212	11,407
Morocco	..	..	..	..	..	..	..	..	175,036	1,54,672
Muscat	..	..	..	..	..	..	..	..	47	107
Netherlands	..	..	..	..	..	..	360,153	5,27,485	1,402,353	21,52,275
Nigeria	..	..	..	..	..	..	..	..	322,448	8,75,130
Pakistan Western	..	..	..	..	..	..	..	..	94,087	55,643
Sarawak	..	..	..	..	..	..	5,827	8,873	23,160	38,651
Singapore	10,728	49,072	..	..	..	..	192,943	6,05,205	851,958	21,31,805
Sp. W. Africa	..	..	..	..	..	..	..	..	6,967	11,947
Sudan	..	..	..	..	..	..	..	..	250,431	5,89,272
Switzerland	..	..	..	..	..	..	91,251	1,22,049	117,658	2,11,293
Sweden	..	..	..	..	..	..	128,076	2,14,189	128,076	2,14,189
United Kingdom	..	..	..	..	..	..	2,382,172	1,06,14,115	11,396,624	5,93,30,592
U.S.A.	..	..	..	..	..	..	1,361	4,543	3,134	6,026
U.S.S.R.	..	..	..	..	..	..	16	33	4,463,080	67,50,443
Zanzibar	..	..	..	..	..	..	..	..	787	1,989
Total	14,570	67,346	14,143	66,431	22,428	43,045	4,864,810	1,83,04,186	31,429,497	9,45,03,796

INDIAN TOBACCO EXPORTS—(Contd.)

April, 1960 to January, 1961

Countries	Cigars & Cheroots		Cigarettes		Bidis		Chewing Tobacco		Hookah Tobacco		Jarda Scented Tobacco	
(1)	Quantity in kg. (2)	Value in Rs. (3)	Quantity in kg. (4)	Value in Rs. (5)	Quantity in kg. (6)	Value in Rs. (7)	Quantity in kg. (8)	Value in Rs. (9)	Quantity in kg. (10)	Value in Rs. (11)	Quantity in kg. (12)	Value in Rs. (13)
Aden	81	770	104	1,302	709	5,208	..	..	944	1,255	10,988	14,500
Afghanistan	5	21	2,066	93,270	1,770	11,849	..	..	..	..	..	..
Australia	40	450	..	..	..	..	..	..	..	..	..	..
Bahrain Islands	..	..	..	..	245	1,905	69	270	27,462	55,448	..	..
Belgium	650	6,904	..	..	..	..	..	..	..	..	..	..
Ceylon	..	2	2,102	13,483	526,349	57,27,825	..	..	1,489	1,750	..	..
China	..	..	38	540	..	..	..	..	..	..	..	..
Cyprus	1,306	12,730	5	48	..	..	..	..	..	..	..	..
Czechoslovakia	..	..	..	10	..	..	..	..	..	..	..	..
Egypt	..	..	2,242	24,238	..	..	..	..	..	..	..	..
Fr. Somaliland	..	..	1,051	7,412	..	..	..	..	..	..	..	..
Gambia	..	..	176	700	..	..	..	..	..	..	..	..
Iraq	123	2,625	..	..	..	..	..	..	..	..	..	..
Jordan	..	..	1	8	..	..	..	..	..	..	..	..
Kenya	..	..	161	2,140	..	..	..	..	..	..	29	526
Kuwait	..	..	235	5,400	535	3,174	89	1,003	38,789	46,997	408	1,982
Malaya	..	..	..	..	18,138	1,67,392	584	2,595	..	..	..	..
Maldives	..	..	..	63,792	..	..	..	..	..	..	..	..
Muscat	227	450	10,344	1,500	..	..	..	..	..	..	..	..
Nepal	59	489	54	719	..	..	..	..	..	..	..	3
Nyasaland	..	..	..	..	..	..	..	..	..	..	..	..
Pakistan Eastern	..	..	..	..	..	..	..	..	..	..	..	..
Pakistan Western	421	6,093	..	..	..	..	..	..	..	..	..	..
Rhodesia Northern	2,346	25,389	..	..	..	..	..	..	..	..	..	..
Rhodesia Southern	..	..	..	..	..	..	55	598	..	..	33	285
Saudi Arabia	..	..	..	..	..	..	..	..	187,288	3,53,667	..	..
Singapore	..	..	..	..	75,228	8,91,422	2,680	9,581	..	..	..	..
Sudan	..	..	1	8	8	67	..	..	..	..	..	..
Switzerland	..	..	..	..	..	..	..	..	..	..	..	..
Syria	..	..	1	8	..	..	..	..	..	..	..	..
Tanganyika	..	..	..	..	..	..	..	..	..	..	..	..
Trel. Oman	..	..	980	5,580	1,409	8,768	16	346	..	..	43	279
Uganda	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom	237	2,575	24	403	..	..	..	..	..	..	12	222
U.S.A.	61	300	..	..	..	2	..	..	..	..	..	..
Zanzibar	..	..	..	..	..	..	4	49	..	..	534	3,129
Total	5,556	58,808	25,701	2,22,575	624,391	68,37,612	3,507	14,442	245,972	4,59,117	12,047	20,926

Manufactured Tobacco—(contd.)

INDIAN TOBACCO EXPORTS—(Contd.)

April, 1960 to January, 1961

Countries	Smoking Tobacco Excl. mixtures for Pipes and Cigarettes		Snuff		Tobacco Mixtures for Pipes and Cigarettes		Bidi Tobacco		Other Tobacco		Total	
(1)	Quantity in kg. (14)	Value in Rs. (15)	Quantity in kg. (16)	Value in Rs. (17)	Quantity in kg. (18)	Value in Rs. (19)	Quantity in kg. (20)	Value in Rs. (21)	Quantity in kg. (22)	Value in Rs. (23)	Quantity in kg. (24)	Value in Rs. (25)
Aden	..	..	2,808	26,534	..	..	600	1,600	..	..	16,234	51,175
Afghanistan	..	..	..	..	..	..	..	..	..	..	9,841	1,05,140
Australia	..	..	..	..	..	..	..	..	..	..	..	..
Bahrain Islands	..	..	15	201	..	..	..	..	..	..	40	450
Belgium	..	..	..	..	..	..	..	..	..	..	27,791	57,824
Ceylon	..	..	386	6,602	..	..	468,044	17,68,515	..	..	650	6,904
China	..	..	..	..	..	..	..	..	..	..	998,370	75,18,177
Cyprus	..	..	..	..	..	..	..	..	..	..	38	540
Czechoslovakia	..	..	..	..	..	..	..	..	..	..	1,311	12,778
Egypt	..	..	..	..	4	30	..	..	..	..	..	10
Fr. Somaliland	..	..	..	..	..	..	..	..	..	..	2,246	24,268
Gambia	..	..	..	..	..	..	..	..	..	..	1,051	7,412
Iraq	..	..	..	..	..	..	..	..	..	..	176	700
Jordan	..	..	..	..	..	..	..	..	..	..	124	2,633
Kenya	..	..	..	..	..	..	..	..	..	..	1	8
Kuwait	3,183	31,495	..	..	..	..	..	..	7	228	3,360	34,388
Malaya	105	1,485	..	..	74	..	..	..	30	355	30,235	60,396
Maldives	..	..	..	..	..	..	..	..	..	..	18,722	1,89,987
Muscat	..	..	..	..	..	..	..	..	..	..	10,571	66,242
Nepal	..	..	..	..	..	..	..	..	105	1,309	105	1,225
Nyasaland	..	..	184	1,644	..	4	..	..	113	1,225	113	1,225
Pakistan Eastern	..	..	..	..	..	..	..	..	..	..	184	1,644
Pakistan Western	91	2,306	..	..	..	..	..	..	..	..	421	6,093
Rhodesia Northern	..	..	231	2,174	..	..	..	..	..	..	2,437	27,695
Rhodesia Southern	..	..	121	1,067	..	..	..	..	..	..	264	2,439
Saudi Arabia	..	..	80	871	..	..	..	..	..	..	176	1,665
Singapore	..	..	206	1,546	..	..	..	..	..	..	187,368	3,54,538
Sudan	..	..	..	..	..	..	..	..	78,226	9,03,349	..	..
Switzerland	..	..	25	168	..	..	..	..	9	75	..	..
Syria	..	..	..	..	..	..	..	..	25	168	..	..
Tanganyika	..	..	..	..	..	..	..	..	..	..	..	..
Trel. Oman	..	..	315	3,543	..	..	..	..	315	..	..	3,543
Uganda	..	..	214	1,352	..	..	..	..	..	..	2,672	16,325
United Kingdom	..	..	131	1,496	..	..	..	..	..	..	131	1,496
U.S.A.	..	..	..	..	..	..	..	..	273	..	..	3,200
Zanzibar	..	..	..	..	..	..	..	..	61	..	..	302
Total	91	2,306	12,745	1,21,509	4	34	469,205	17,72,197	81	583	1,399,300	95,10,109

INDIAN TOBACCO EXPORTS--(Contd)

Total of Unmanufactured and Manufactured Tobacco

April 1960 to January 1961

Countries	Quantity in Kg.	Value in Rs.	Countries	Quantity in Kg.	Value in Rs.
Aden	3,473,206	43,94,319	Malaya	306,464	10,35,419
Afghanistan	9,841	1,05,140	Maldives	13,879	77,596
Algeria	227,279	1,97,802	Malta & Gozo	60,286	1,63,881
Australia	40	450	Mauritius	2,212	11,407
Austria	725,877	5,51,804	Morocco	175,036	1,54,672
Bahrein Islands	27,791	57,824	Muscat	152	1,607
Barbados	31,874	85,656	Nepal	113	1,225
Belgian Congo	43,677	63,963	Netherlands	1,402,353	21,52,275
Belgium	2,096,901	30,67,395	Nigeria	322,448	8,75,136
Br. Guiana	39,587	1,11,060	Nyasaland	184	1,644
Cambodia	22,725	20,485	Pakistan Eastern	421	6,093
Ceylon	1,179,365	85,01,909	Pakistan Western	96,524	83,338
China	25,744	26,981	Rhodesia Northern	264	2,455
Cyprus	3,303	17,778	Rhodesia Southern	176	1,665
Czechoslovakia	101,615	5,71,329	Saudi Arabia	187,368	3,54,538
Denmark	117,644	5,30,262	Sarawak	23,160	38,651
Egypt	1,113,560	24,47,007	Singapore	930,184	30,35,154
Finland	18,325	62,377	Sp. W. Africa	6,967	11,947
France	601,606	3,22,537	Sudan	250,490	5,89,347
Fr. Somaliland	1,051	7,412	Sweden	128,076	2,14,189
Fr. W. Africa	1,423,198	10,72,517	Switzerland	117,683	2,11,461
Gambia	176	700	Syria	1	8
Germany Western	5,121	13,706	Tanganyika	315	3,543
Ghana	179,943	4,62,986	Trel. Oman	2,672	16,325
Hongkong	358,746	4,54,323	Uganda	131	1,496
Iraq	124	2,633	United Kingdom	11,396,897	5,93,33,792
Irish Republic	841,673	49,30,751	U.S.A.	3,195	6,328
Italy	15,000	15,450	U.S.S.R.	4,463,080	67,50,443
Jamaica	5,050	26,211	Zanzibar	6,525	47,780
Japan	10,194	11,916			
Jordan	1	8			
Kenya	3,380	34,389			
Kuwait	30,235	60,396			
Libya	157,453	5,65,487			
Madagascar	40,236	35,029			
			Grand Total	32,828,797	10,40,13,905

Source: Department of Commercial Intelligence & Statistics, Calcutta.

PUBLICATIONS OF THE INDIAN CENTRAL ARECANUT COMMITTEE

- | | |
|--|-----------------------------|
| 1. Arecanut Atlas (English) | Price
Rs. nP. |
| A pictorial representation of arecanut industry. | 7.00 per copy |
| 2. Flip Book on Arecanut Cultivation (English) | |
| Contains 48 photographs with details of arecanut cultivation in non-technical language. Detailed information on seednut selection, sowing, raising of nursery, manuring, control of diseases, etc. are explained with illustrations. | 1.00 " |
| 3. Report on Survey of Arecanut Crop in Indian Union | |
| (Malayalam, Kannada and Marathi) | 1.00 " |
| 4. Arecanut Journal - Quarterly publication | |
| (in English, Malayalam and Kannada): Annual subscription including postage. | nP. 50 per language edition |

For particulars write to:

The Secretary,
INDIAN CENTRAL ARECANUT COMMITTEE
KOZHIKODE-6, KERALA

TOBACCO IMPORTS INTO INDIA

During the year 1960

Unmanufactured Tobacco

Quantity in kg. and value in Rs.

Countries	Virginia Flue-Cured for Cigarette manufacture		Other Tobacco		Total	
	Qty.	Value	Qty.	Value	Qty.	Value
France	..	..	1	14	1	14
Lebanon	1	5	..	..	1	5
Syria	..	..	2,258	8,921	2,258	8,921
United Kingdom	3	136	..	..	3	136
U.S.A.	238,137	23,17,884	..	..	238,137	23,17,884
Total	238,141	23,18,025	2,259	8,935	240,400	23,26,960

TOBACCO IMPORTS INTO INDIA—(Contd.)

During the year 1960

Manufactured Tobacco

Countries	Cigars & Cheroots		Cigarettes		Chewing Tobacco		Tobacco mixtures for Pipes & Cigarettes		Smoking Tobacco excluding mixture for Pipes and Cigarettes		Other Tobacco		Total	
	Quan- tity in kg.	Value in Rs.	Quan- tity in kg.	Value in Rs.	Quan- tity in kg.	Value in Rs.	Quan- tity in kg.	Value in Rs.	Quan- tity in kg.	Value in Rs.	Quan- tity in kg.	Value in Rs.	Quan- tity in kg.	Value in Rs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Australia	..	..	54	1,863	..	..	..	..	..	..	..	..	54	1,863
Belgium	..	..	397	8,531	..	..	..	..	..	..	..	..	397	8,531
Denmark	4	195	19	196	..	..	..	..	..	..	..	..	23	391
Germany Western	73	2,294	91	1,427	..	..	..	..	..	..	..	..	164	3,721
Ghana	..	..	..	3	..	..	..	..	..	..	..	..	..	3
Hongkong	1	22	154	4,149	..	..	..	..	..	..	..	..	155	4,171
Iran	..	..	4	88	..	..	..	..	..	..	..	..	4	88
Irish Republic	..	..	..	..	..	..	..	..	..	..	..	..	5	163
Italy	..	..	..	2	..	..	..	..	..	..	..	..	..	2
Netherlands	17	361	106	1,314	..	4	..	..	..	..	..	..	123	1,679
Philippines	2	40	..	..	..	..	..	..	..	..	..	..	2	40
Singapore	..	..	9	210	..	..	..	..	..	..	..	..	9	210
Switzerland	1	49	532	14,633	..	..	..	..	..	..	..	..	533	14,632
United Kingdom	..	..	4,839	1,21,433	..	..	30	459	..	..	5	145	4,874	1,22,037
U.S.A.	2	85	360	7,944	..	..	..	..	6	63	..	..	370	3,092
Total	100	3,046	6,565	1,61,793	..	4	30	459	8	63	10	308	6,713	1,65,673

PACKING CASES

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TOBACCO IMPORTS INTO INDIA—(Contd.)

Total of Unmanufactured and Manufactured Tobacco
During the year 1960

Countries	Quantity in Kg.	Value in Rs.
Australia	54	1,863
Belgium	397	8,531
Denmark	23	391
France	1	14
Germany Western	164	3,721
Ghana	..	3
Hongkong	155	4,171
Iran	4	88
Irish Republic	5	163
Italy	..	2
Lebanon	1	5
Netherlands	123	1,679
Philippines	2	40
Singapore	9	210
Switzerland	533	14,682
Syria	2,258	8,921
United Kingdom	4,877	1,22,173
U.S.A.	238,507	23,25,976
Grand Total	247,113	24,92,633

Source : Department of Commercial Intelligence and Statistics, Calcutta.

TOBACCO IMPORTS INTO INDIA

April 1960 to January 1961

Unmanufactured Tobacco

Countries	Virginia Flue-cured for Cigarette manufacture		Other Tobacco		Total	
	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.	Quantity in kg.	Value in Rs.
Syria	..	..	2,258	8,921	2,258	8,921
United Kingdom	3	136	..	..	3	136
U.S.A.	238,137	23,17,884	..	..	238,137	23,17,884
Total	238,140	23,18,020	2,258	8,921	240,398	23,26,941

APRIL-JUNE 1961

TOBACCO IMPORTS INTO INDIA—(Contd.)

Countries	Manufactured Tobacco			April 1960 to January 1961			Tobacco mixtures for Pipes and Cigarettes			Other Tobacco			Total		
	Cigars & Cheroots			Cigarettes			Tobacco mixtures for Pipes and Cigarettes			Other Tobacco			Total		
	Quantity in Kg.	Value in Rs.	Quantity in Kg.	Quantity in Kg.	Value in Rs.	Quantity in Kg.	Quantity in Kg.	Value in Rs.	Quantity in Kg.	Value in Rs.	Quantity in Kg.	Value in Rs.	Quantity in Kg.	Value in Rs.	Quantity in Kg.
Australia	..	..	54	..	1,863	..	..	..	..	..	54	1,863	..	..	54
Belgium	..	..	374	..	8,355	..	..	..	..	..	374	8,355	..	..	374
Denmark	4	195	19	..	196	..	..	..	..	..	23	391	..	..	23
Egypt	..	..	1	..	8	..	..	..	..	..	1	8	..	..	1
Germany Western	70	2,233	..	..	5	..	..	..	..	..	70	2,236	..	..	70
Hongkong	1	22	154	..	4,149	..	..	..	..	..	155	4,171	..	..	155
Irish Republic	..	..	..	..	..	..	..	..	5	163	5	163	..	..	5
Italy	..	..	..	..	2	..	..	..	..	..	..	2	..	..	..
Netherlands	11	200	106	..	1,314	..	..	..	..	..	117	1,514	..	..	117
Philippines	2	40	..	..	..	..	..	..	..	..	2	40	..	..	2
Singapore	..	..	9	..	210	..	..	..	..	..	9	210	..	..	9
Switzerland	1	49	532	..	14,633	..	..	..	..	..	533	14,682	..	..	533
United Kingdom	1	6	3,033	..	79,080	..	..	..	15	190	3,079	79,735	..	..	3,079
U.S.A.	2	85	216	..	4,697	..	..	..	..	..	218	4,782	..	..	218
Total	92	2,830	4,498	30	1,14,512	30	459	20	353	4,640	1,18,154				

TOBACCO IMPORTS INTO INDIA—(Contd.)

Total of Unmanufactured and Manufactured Tobacco
April 1960 to January 1961

Countries	Quantity in Kg.	Value in Rs.
Australia	54	1,863
Belgium	374	8,355
Denmark	23	391
Egypt	1	8
Germany Western	70	2,238
Hongkong	155	4,171
Irish Republic	5	163
Italy	..	2
Netherlands	117	1,514
Philippines	2	40
Singapore	9	210
Switzerland	533	14,682
Syria	2,258	8,921
United Kingdom	3,082	79,871
U. S. A.	238,355	23,22,666
Grand Total	245,038	24,45,095

Source : Department of Commercial Intelligence & Statistics, Calcutta.

Revised Index of Cigarette Production

(Base : 1951 = 100)

Period	Index
1952	.. 93.8
1953	.. 85.9
1954	.. 92.4
1955	.. 106.4
1956	.. 122.6
1957	.. 134.7
1958	.. 139.1
1959	.. 150.0
.. January	.. 148.1
.. February	.. 147.1
.. March	.. 147.1
.. April	.. 148.1
.. May	.. 146.0
.. June	.. 144.9
.. July	.. 143.1
.. August	.. 148.6
.. September	.. 152.3

APRIL-JUNE 1961

Period	Index
1959 October	.. 140.5
.. November	.. 154.7
.. December	.. 179.0
1960 January	.. 165.5
.. February	.. 164.0
.. March	.. 165.7
.. April	.. 226.8
.. May	.. 176.3
.. June	.. 178.0
.. July	.. 161.5
.. August	.. 174.2
.. September	.. 163.1
.. October	.. 157.8

Tobacco Manufactures-Cigarettes

(Monthly averages or calendar months)

Period	Installed capacity (in lakhs)	Production
1949	25,000	18,242
1950	..	19,691
1951	..	17,874
1952	..	18,766
1953	20,260	15,353
1954	20,208	16,523
1955	..	19,024
1956	..	21,919
1957	..	24,077
1958	26,565	24,867
1959	..	26,805
.. August	..	26,560
.. September	..	27,230
.. October	..	25,120
.. November	..	27,660
.. December	..	21,990
1960 January	..	29,590
.. February	..	29,310
.. March	36,923	29,610
.. April	..	40,540
.. May	..	31,520
.. June	..	31,820
.. July	..	28,870
.. August	..	31,140
.. September	..	29,160
.. October	..	28,200

Source : "Monthly statistics of the Production of selected industries of India for November, 1960" issued by the Directorate of Industrial Statistics, Calcutta.

GRADING REPORT

Total Quantity and Value of Tobacco graded and marked for exports.

Variety of Tobacco	Estimated Quantity in Kilograms		Approximate Value in Rupees	
	Two months ended Feb. 1961	Three months ended March 1961	Two months ended Feb. 1961	Three months ended March 1961
Flue-cured Virginia	6,761,820	14,548,820	3,11,33,404	6,96,54,010
Sun-cured Virginia	142,004	142,004	1,16,653	1,16,653
Sun-cured White Burley	..	..	..	..
Sun-cured 'Natu' country	176,047	181,605	4,11,706	4,36,256
Sun-cured Jutty	5,366	5,366	1,752	1,752
Sun-cured Motihari	8,261	19,181	37,293	98,200
Sun-cured Top Leaf	..	..	..	..
Total	7,093,498	14,896,976	3,17,00,808	7,03,06,871

Courtesy: Agricultural Marketing Adviser to the Government of India, Nagpur.

LONDON REPORT

Imports of Tobacco and Tobacco Manufactures into the United Kingdom.

Countries	Quantity in Kilograms		Value in Rupees	
	For the month of Jan. 1961	Two months ended Feb. 1961	For the month of Jan. 1961	Two months ended Feb. 1961
Rhodesia & Nyasaland	1,334,228	1,824,723	94,16,799	1,27,28,895
India	55,029	72,560	1,96,004	2,62,975
British North Borneo	17,142	56,809	6,35,075	24,06,600
Canada	4,125,966	8,396,811	3,34,65,698	6,67,31,368
Jamaica	20,508	48,044	4,67,308	8,26,854
Other Commonwealth Countries & Irish Republic	28,203	46,944	2,16,661	3,60,723
Netherlands	43,729	106,532	6,41,185	13,84,517
Italy	41	254	401	2,982
United States of America	4,358,952	4,896,482	3,92,03,474	4,41,20,973
Cuba	6,463	102,697	9,14,628	24,84,734
Other Countries	178,412	202,966	9,18,025	10,94,281
Total	10,168,673	15,754,822	8,60,75,258	13,24,04,902

METEOROLOGICAL DATA

Stations	Temperature (°C)		Relative Humidity		Total Rainfall in mms.
	Average maximum	Average minimum	At 08.30 hours	At 17.30 hours	

FEBRUARY, 1961

* Guntur	..	32.0	19.4	90	49	8.1
@ Vadasandur	..	32.7	20.2	90	51	14.0
% Pusa	..	23.7	10.9	93	44	25.8
& Dinhata	..	24.3	10.6	90	50	29.2
£ Rajahmundry	..	33.2	14.2	93	46	124.5
Coimbatore	..	32.7	20.6	73	37	8.6
Anand	..	30.1	12.6	44	44	5.8
Ferozepore	..	19.6	6.7	87	64	9.5

MARCH, 1961

* Guntur	..	34.9	22.5	86	48	Nil
@ Vadasandur	..	36.5	22.7	86	43	Nil
% Pusa	..	33.2	17.2	74	23	Nil
& Dinhata	..	30.6	17.0	82	42	35.6
£ Rajahmundry	..	34.4	21.9	88	47	126.3
Coimbatore	..	..	..	..	..	Not Reported
Anand	..	37.5	18.0	56	44	Nil
Ferozepore	..	28.1	12.0	69	35	2.6

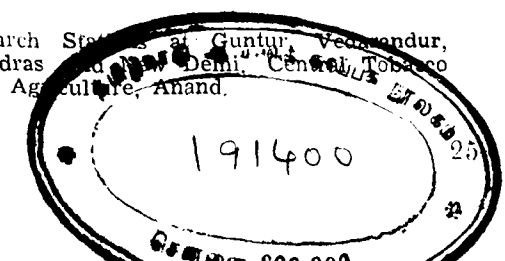
NOTE:--(To convert Centigrade to Fahrenheit multiply Centigrade by 9/5 and add 32).

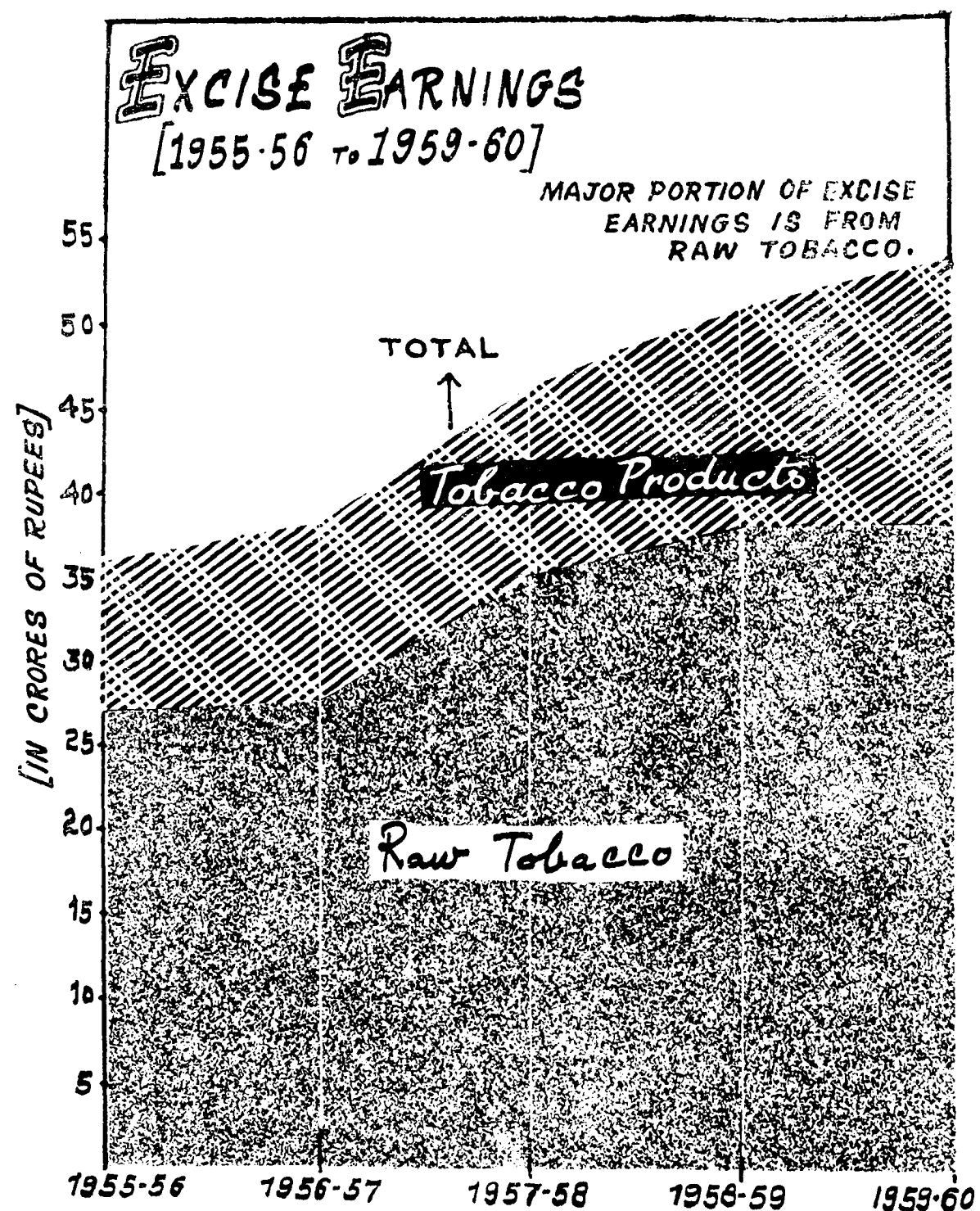
* The humidity figures refer to 07.08 hours and 14.08 hours.

@	-do-	07.00	-do-	17.00	-do-
%	-do-	07.00	-do-	17.00	-do-
&	-do-	06.32	-do-	13.32	-do-
£	-do-	07.00	-do-	14.00	-do-

Source:--From data furnished by the Committee's Research Stations at Guntur, Vadasandur, Pusa and Dinhata, Meteorological Centres at Madras and New Delhi, Central Tobacco Research Institute, Rajahmundry and Institute of Agriculture, Anand.

APRIL-JUNE 1961





WORLD TOBACCO PRODUCTION IN 1960

The world tobacco production, which showed a decrease of about 3.6% in 1958 as compared to the previous two years, has been on the increase since then. Preliminary estimates place the world production in 1960 at a peak figure of 4,010 million kg. as compared to 3,863 million kg. in 1959 and

3,008 million kg. during the immediate pre-II War period, i.e. an increase of about 3.8% and 33% respectively. The following table gives the production in some of the important tobacco producing countries together with the actual and percentage increase or decrease in 1960 as compared to 1959.

Country	Production 1959 (in million kilograms)	Production 1960	Actual increase(+) or decrease(-)	Percentage increase(+) or decrease(-)
U.S.A.	817	887	+70	+ 8.6
China	795	825	+30	+ 3.8
India	265	286	+21	+ 7.9
U.S.S.R.	190	198	+ 8	+ 4.2
Brazil	126	147	+21	+16.7
Turkey	120	137	+17	+14.2
Japan	130	120	-10	- 7.7
Rhodesia & Nyasaland	105	116	+11	+10.5
Canada	77	90	+13	+16.9
Italy	90	86	- 4	- 4.4
Pakistan	102	82	-20	-19.6
Indonesia	85	75	-10	-11.8
Greece	80	63	-17	-21.3
Philippines	52	63	+11	+21.1
Cuba	50	52	+ 2	+ 4.0
Poland	42	48	+ 6	+14.3
France	51	47	- 4	- 7.8
Yugoslavia	46	30	-16	-34.8
West Germany	19	8	-11	-57.9
Other countries	621	650	+29	+ 4.7
Total	3,863	4,010	+147	+ 3.8

Source: The United States Department of Agriculture.

The traditionally big producers, i.e. the U.S.A., China, India and the U.S.S.R. maintained their position as the four top most producers of tobacco in the world and all of them showed substantial increases in 1960 as compared to 1959. Although in actual terms the largest increases were recorded in the case of the U.S.A., China, Brazil, India, Turkey, Canada, Philippines and the Federation of Rhodesia and Nyasaland, the major percentage increases in production were recorded in Philippines, Canada, Brazil, Turkey, Poland and the Federation of Rhodesia and Nyasaland. Record crops were harvested in Turkey, and the Federation of Rhodesia and Nyasaland.

Gross increases in several countries totalled 239 million kg. of which about 50% was contributed by the U.S.A., China and India.

This increase was offset to the extent of 92 million kg. on account of decreased production in several other countries, mostly Asian and European, resulting in a net increase of about 147 million kg. Perhaps the most disquieting feature of the 1960 world tobacco production, was the wide spread "Blue mold" disease in the West European countries. On account of this, tobacco production was down heavily in West Germany (57.9%), Yugoslavia (34.8%), Greece (21.3%), France (7.8%), Belgium and Italy. Pakistan, Indonesia and Japan also recorded substantially decreased production in 1960 as against 1959.

The table below gives the type-wise production of world tobacco together with the actual and percentage increase or decrease in production in 1960 as compared to 1959.

Type	Production 1959 1960 (in million kilograms)		Actual increase(+) or decrease(-)	Percentage increase(+) or decrease(-)
Flue-cured	1,360	1,484	+ 124	+ 9.1
Dark air-cured	842	868	+ 26	+ 3.0
Oriental and semi-oriental	550	522	- 28	- 5.1
Dark sun-cured	369	377	+ 8	+ 2.1
Light sun-cured	346	375	+ 29	+ 7.7
Burley	286	280	- 6	- 2.1
Fire-cured	62	58	- 4	- 7.0
Other light air-cured	42	40	- 2	- 4.8

Source: The United States Department of Agriculture.

The 1960 world production of flue-cured tobacco is provisionally estimated at 1,484 million kg. as compared to 1,360 million kg. in 1959 and 613 million kg. during the immediate pre-II War period, i.e. an increase of about 9.1% and 142.1% respectively. The 1960 flue-cured crop is the highest on record and represents about 37% of the total tobacco production. Light sun-cured and

dark air-cured also recorded substantial increases. The production of oriental and semi-oriental types decreased from 550 million kg. in 1959 to 522 million kg. in 1960 mainly due to the attack of "Blue mold" disease in Greece and Yugoslavia. The variation in the production of other types was not much.

YOU ASK.....?.....WE ANSWER.

1. Q. What is India's share in the world tobacco production during the last few years?

A. India is the third biggest producer of tobacco in the World after the U.S.A. and China. India's present share in the World Tobacco production ranges from 7 to 7.5%.

2. Q. What are the bye-products of tobacco?

A. Mostly the bye-products are (i) Nicotine sulphate, (ii) Tobacco seed oil and (iii) Cake.

Nicotine sulphate is a powerful insecticide used for controlling crop pests such as aphids, thrips, psylla etc. Nicotine sulphate is imported into India. At present the manufacture of it in India is in experimental stage.

Virginia cigarette tobacco (*N. tabacum*) is allowed to set seeds in India which is crushed for oil. Roughly about 150,000 to 250,000 seeds per plant or 25 gms. (1 oz.) is obtained. Per hectare yield is estimated at 196 kg. of seed. The quantity of tobacco seed actually collected for oil extraction during 1958-59 and 1959-60 was 6,613 metric tons and 5,050 metric tons respectively.

Tobacco seed oil can be used in soap making and for edible and illumination purposes. It can also be used with advantage as a drying oil, in place of linseed oil, in the manufacture of enamels, paints and varnishes. The oil cake can be used as manure for paddy and sugarcane and as cattle feed.

3. Q. At which places in India are regulated markets for tobacco functioning?

A. At present, regulated markets for tobacco are functioning in the following

States at the places mentioned against each under the aegis of the market committees functioning there.

Andhra Pradesh: Guntur, Kovvur, Rajahmundry and Vijayawada.

Mysore: Nipani, Krishnaraja Nagar and Sira.

Gujarat: Kaira and Baroda.

Orissa: Jatnai, Kantabanji, Nawarangpur, Junagarh and Banki.

Madras: Tirupur and Tiruchirappalli.

4. Q. What are the agricultural operations for the quarter July-September for Flue-Cured Virginia tobacco in Andhra Pradesh?

A. The main agricultural operations carried out during the quarter from July to September are as follows:—

(i) July — the fields are manured with farmyard manure at the rate of 15 cart loads per hectare.

(ii) During August the nursery beds are prepared. Before preparing, burn the bed-faces with slow burning trash and gently rake up the surface soil to loosen it. Apply suitable manures/fertilisers in recommended doses and sow seed at the rate of 3.4 kg. per hectare, and water judiciously at suitable intervals. Before sowing the seeds, spray the nursery with 1% Bordeaux mixture or 0.25% Perenox at 22.75 litres water per cent as prophylactic measure.

(iii) In September, when the seedlings are three weeks old, spray with Bordeaux mixture at weekly intervals. Thin out the seedlings to prevent "damping off" and such other decay.

Apply ammonium sulphate at 0.5 kg. dissolved in 91 litres of water to step up growth. By the middle of the month plough the green manure in the field.

For detailed information, Committee's leaflet No. 17 entitled "Growing Tobacco

in Northern Circars", available on request from the Secretary, Indian Central Tobacco Committee, 122, Mount Road, Madras-6, may be referred to.

5. Q. What are the fertilizers recommended, to be applied to the tobacco crop?

A.

Cigarette Tobacco (Andhra Pradesh) :

Flue-cured tobacco responds well to P_2O_5 and also to K_2O when applied at about 15.24 cm. deep and to the incorporation of organic matter in the form of composted tobacco stalks.

Natu Tobacco :

About 45 kg. N per hectare has been found to be the most economic dose for natu tobacco and groundnut cake has given indications as a better manure for tobacco than either ammonium sulphate or even farmyard manure and sheep penning from the point of both yield and quality.

Cigar Tobacco (Madras State) :

The yield of Cigar tobacco can be increased by over 30% by applying 50 cart loads of F.Y.M. 560 kg. of sulphate of ammonia per hectare and topping at 14 leaves and adopting a spacing of 76.2 cm. $\times$ 50.8 cm.

Chewing Tobacco :

Chewing tobacco can be manured at the same rate as the cigar tobacco with advantage. Application of N has been found to be more beneficial when applied in two

doses — the first dose just before transplanting and the second at earthing up (mummatty digging).

Chewing tobacco grown in Bihar has been found to respond to 56 to 112 kg. nitrogen per hectare.

Hookah and Wrapper Tobacco (West Bengal) :

Application of 56 kg. N per hectare as a chemical fertilizer preferably as urea, in addition to either dhaincha green manuring or 25 cart loads of F.Y.M. per hectare is found to be beneficial for both Jati and Motihuri tobacco.

Bidi Tobacco (Gujarat State) :

The optimum range of nitrogen for bidi tobacco is 179 kg. per hectare, wholly as oil cake or partly as oil cake and partly as chemical fertilizers, and this together with planting 91.4 cm. $\times$ 91.4 cm. and topping at about 11 leaves produces a good quality crop of high return.

Bidi Tobacco (Mysore State) :

Indications are that application of 67 kg. of K_2O per hectare is beneficial for producing thicker and better spangled leaves of Bidi tobacco.

Hookah Tobacco (Punjab State) :

The optimum dose of nitrogen for hookah tobacco (both tabacum and rustica) has been found to be 112 kg. per hectare, half as sulphate of ammonia and half as groundnut cake. The quantity has to be applied in two doses one at planting time and other at flowering.

We welcome your questions on tobacco cultivation etc., which should be brief and addressed to the SECRETARY, INDIAN CENTRAL TOBACCO COMMITTEE, 122, MOUNT ROAD, MADRAS-6.

CROP AND MARKET CONDITION REPORTS

ANDHRA PRADESH

East Godavari District (February and March, 1961).

During the period under report the weather was hot and dry. Second and third pickings of Virginia tobacco were over in the places like Kothapeta, Razole and Amalapuram taluks. In Rajahmundry taluk the Virginia tobacco curing was almost completed and Natu tobacco was under curing.

Prices and general trend of the market :—

Virginia and Natu tobacco continued to flow into the market in fairly good quantities. About 6,391.22 metric tonnes of Virginia tobacco and 5,553.53 metric tonnes of Natu tobacco arrived into the district, out of which about 888.79 metric tonnes of flue-cured Virginia tobacco and 336.6 metric tonnes of Natu tobacco were either sold or exported outside the district. During March 1961 exports from this place to U.K. totalled 828.2 metric tonnes.

The prices of Flue-cured Virginia tobacco offered by M/s. Indian Leaf Tobacco Development Company Limited, on the Ryot grades and Master Farmers grades were as follows :—

Ryot grades Flue-cured Virginia tobacco (Katcha grades)	Per Quintal (100 kg.)	
	Min. Rs.	Max. Rs.
1 V	290	395
2 V	100	275
3 V	90	220
5 V	34	88
6 V	22	66
8 V	24	30
Master Farmers grades :		
IM	460	460
ID	350	360

Ryot grades Flue-cured Virginia tobacco (Katcha grades)	Per Quintal (100 kg.)	
	Min. Rs.	Max. Rs.
IAF	325	333
IBF	210	230
IX	220	225
IS	120	140
ISF	70	70
IS 2	55	55

As seen from the figures it is evident that if the grading is improved the grower will get an additional premium of Rs. 25 to Rs. 150 per quintal according to the quality. The prices of the Natu tobacco at different markets during the period under report are furnished below :—

Natu Tobacco :	Min. Max.	
	Rs.	Rs.
Rajahmundry	56	282
Ramachandrapuram	68	360
Kothapeta	56	282
Razole	112	360
Kakinada	68	270

[Data furnished by the Secretary, East Godavari Market Committee, Rajahmundry.]

West Godavari District (February and March, 1961).

On account of heavy rains in the third week of February '61 the early Virginia crop was affected adversely and the late crop was slightly damaged. The cured stuff developed spots on the leaves resulting in low prices of Virginia tobacco throughout this district. The country tobacco crop was also affected slightly due to heavy rains. Harvesting, curing and grading of Virginia tobacco was almost completed by the end of March 1961. During the period under report harvesting, of the country tobacco was carried out and sun and shade curing, bulking and processing of the crop was done.

Prices and general trend of the market :—

The prices of different varieties of tobacco during the period under review were as follows :—

Variety	Per Quintal (100 kg.)	Min. Rs.	Max. Rs.
I. Flue-cured Virginia tobacco (Katcha Grades)			
1 V	265	355	
2 V	70	275	
3 V	80	220	
5 V	15	90	
6 V	10	86	
8 V	10	30	
IC	15	90	
PL	10	25	
DG	5	10	
Gulla	1	10	

II. Country Tobacco :—

	Rs.	Rs.
Lanka	89.08	269.40
Garapa	89.08	299.40
Pati	89.08	255.78

[Data furnished by the Chairman, West Godavari Market Committee, Kovvur.]

Guntur District (February and March 1961).

Condition of the Crop :

Cloudy weather prevailed during the month of February 1961. Harvesting of Flue-cured Virginia tobacco was almost completed during the period under report. The tobacco fields in Parchur area were badly affected due to the rain. Rack curing of country tobacco was in progress in the district during the month of March 1961.

Market Trend :

The market for top grades of Flue-cured Virginia tobacco was steady during February. But by the end of March 1961 the prices of top grades as well as low grades came down.

Prices of katcha grades of Flue-cured Virginia tobacco during the period under report were as follows :—

Flue-cured Virginia Tobacco (Katcha grades)	Per Quintal (100 kg.)	Min. Rs.	Max. Rs.
1 V	285	355	
2 V	100	275	
3 V	90	220	
5 V	34	90	
6 V	20	60	
8 V	12	30	

Exports of tobacco outside the country during the months under report were as follows :—

Variety	Quantity in Metric tonnes.
Flue-cured Virginia	2,249.8
Sun-cured Virginia	235.4
Sun-cured Country	74.2
Gulla	35.2

(1 Metric tonne = 1000 Kg.)

[Data furnished by the Secretary, Guntur Market Committee, Guntur.]

MADRAS STATE

Coimbatore District (February and March 1961).

Condition of the Crop :—

It is reported that the quality of the early sown crop was affected to some extent due to the rains and attack of pests. The early sown crop was harvested and initial curing was done during February 1961. Best quality leaves were purchased by merchants for curing by Jaffna method. The harvest of the tobacco was almost completed during the month of March, 1961.

General trend of the market :—

About 1,040.4 metric tonnes of Chewing tobacco and 238.8 metric tonnes of Cheroot tobacco were reported to have been sold by merchants during the months of February and March 1961.

About 2,485.6 metric tonnes of Chewing tobacco and 178 metric tonnes of Cheroot tobacco were left with them unsold at the end of March, 1961.

Prices during the period under report were as follows :—

Variety	Per Quintal (100 Kg.) I Grade Rs.	II Grade Rs.	III Grade Rs.
Chewing tobacco	132 to 235	110 to 187	88 to 143
Cheroot tobacco	154 to 220	132 to 176	44 to 92.41

[Data furnished by the Secretary, Coimbatore Market Committee, Tirupur.]

Madurai (February and March 1961).

The weather during the period was hot and dry. The condition of the standing crop was reported to be satisfactory. Harvesting and curing of tobacco were in progress during the period under report.

The prices of different grades of Chewing tobacco during the period under report were as follows :—

Chewing tobacco	Per Quintal (100 Kg.)	Min. Rs.	Max. Rs.
I Grade	220 53	264 63	
II Grade	176 42	229 35	
III Grade	96 00	194 06	

[Data furnished by the Assistant Marketing Officer, Madurai.]

Tiruchirapalli, South Arcot, Tanjore and Salem Districts (February and March 1961).

The total area under tobacco cultivation during 1960-61 district-wise in Madras State are given below :—

District	Variety	Hectares
1. Tiruchirapalli	Cheroot & Chewing	404.9
2. South Arcot	Chewing	270.0
3. Tanjore	Chewing	657.5
4. Salem	Cheroot	1,012.1

During the period under report the area under tobacco cultivation in Tiruchirapalli district has decreased by about 40.4 hectares from that of January 1961.

The condition of the crop in Tiruchirapalli district was below normal due to failure of rains. In Tanjore and South Arcot districts tobacco was grown under irrigated condition and the crop was reported to be satisfactory. Harvest was in progress during the above period and the outturn was expected to be normal.

Prices and general trend of the market :—

During the month of February 1961, there was a slight increase in the prices and the market was more or less steady during March, 1961. The average prices of tobacco during the period under review are given below :—

	Per Quintal (100 Kg.) Chewing tobacco	Cheroot tobacco	Min. Rs.	Max. Rs.
Tiruchirapalli	176	256	132	176
Karur	168	251	141	185
Illangakurichi	168	198	123	176
Pudukkottai	168	243	..	..
Salem	220	229	132	220
Namakkal	231	234	159	238
Tanjore	198	265	..	..
Kumbakonam	185	220	..	..
Tiruvarur	176	220	..	..
Vedaranyam	168	220	..	..
Chidambaram	185	198	..	..

About 4.2 and 5.6 lakhs Kilograms of tobacco arrived at different marketing centres during the month of February and March, 1961 respectively. The estimated stock at the end of March 1961 was about 9.5 lakhs Kilograms.

[Data furnished by the Assistant Marketing Officer, Tiruchirapalli.]

MYSORE STATE

Nipani (Belgaum District) (February and March, 1961).

Cultural Operations :—

During the month of February 1961, digging of tobacco stubbles, plowing, powdering of tobacco into Anagad, suckering and removal of Orobanche were attended to. Collection of selfed seeds left for experimental purpose and seed from seed multi-

plication plots were also attended to. Harvesting of tobacco from late planted plots was carried out.

[Data furnished by the Agronomist, Agricultural Research Station, Nipani.]

WEST BENGAL

Cooch-Behar (February, 1961).

Condition of the Crop :—

The condition of the tobacco crop was reported to be quite fair due to favourable weather conditions during the period under review and this year's yield is reported to be about 829.2 Kg. per hectare.

Prices and general trend of the market :—

The market for tobacco advanced by the end of the first fortnight after showing a downward trend in the first week and then again registered a fall towards the last week of the month due to arrivals of new tobacco in the market. The average prices of different varieties of tobacco during the month were as follows :—

	Per Quintal (100 Kg.)					
	Good		Medium		Coarse	
	Rs.	nP.	Rs.	nP.	Rs.	nP.
Mathabhanga						
Motihari	354	94	339	51	324	08
Jati	No Sales					
Dinhata						
	Rs.	nP.	Rs.	nP.	Rs.	nP.
Motihari	555	56	436	51	266	76
Jati	782	63	586	42	414	46

Jalpaiguri :

The standing crop was showing good growth. The prices were almost steady during the month. The following prices prevailed in the market during the month of February, 1961.

Hookah & Chewing Tobacco :	Per Quintal (100 Kg.)			
	Min.		Max.	
	Rs.	nP.	Rs.	nP.
Motihari	326	28	403	44
Jati	350	53	429	90

[Data furnished by the Director of Agricultural Marketing, West Bengal, Calcutta.]

TOBACCO DIRECTORY

Price : Rs. 15 (Postage Rs. 2.50 extra)

For copies, write to :

The Secretary, Indian Central Tobacco Committee,
122, Mount Road, Madras-6.

INDIAN TOBACCO STATISTICS

1939—59

Price: Per copy Rs. 10/-
(Rs. 1.50 postage extra)

Write to :

The Secretary, Indian Central Tobacco Committee,
122, Mount Road, Madras-6.

NEWS AND NOTES

UNITED KINGDOM

Total imports of unmanufactured tobacco during the eight months July 1960 to February 1961 amounted to 131.8 million kg., of which 72.0 million kg. was from the United States, 41.1 million kg. from the Federation of Rhodesia and Nyasaland and 9.5 million kg. from Canada; the corresponding total for 1959-60 was 112.2 million kg., of which the United States supplied 63.0 million kg., the Federation 36.1 million kg. and Canada 6.6 million kg. Shipments of all types during January and February 1961 amounted to 15.7 million kg., as against 17.3 million kg. a year earlier; import of flue-cured at 14.9 million kg., were 1.2 million kg. lighter than in the first two months of 1960, while those of other types showed a relatively more marked decline to 0.8 million kg. Consignments during the period under report from Federation of Rhodesia and Nyasaland declined by 6.7 million kg. to 1.8 million kg. Even shipments from the U.S.A. showed a marked fall. But the consignments from Canada at 8.4 million kg., were 3.8 million kg. heavier than a year earlier.

Cigarette exports in January-February 1961, at 2.4 million kg., were 0.2 million kg. greater than in the first two months of 1960, reversing the downward trend of recent years. Consignment to Malaya and Singapore, at 0.7 million kg., showed only a slight decline and accounted for 28% of total exports; among other destinations Aden, Hongkong, the Persian Gulf and Western Germany each received over 113.3 thousand kg.

FEDERATION OF RHODESIA AND NYASALAND

The preliminary forecast places the flue-cured tobacco crop of Southern and North-Western Rhodesia at the record figure of 104.3 million kg. from 89.1 thousand hectares, the North-Eastern Rhodesian harvest is estimated at 0.7 million kg. from 809.7 hectares. The total figure for the flue-cured

crop of Southern and Northern Rhodesia, therefore, reaches a new high figure of 105.1 million kg., i.e. 5.5 million kg. above that of sales from the two territories at the 1960 auctions. As compared with the last year's figures, the tobacco area in Southern and North-Western Rhodesia shows a small increase of 1.6 thousand hectares. But in North-Eastern Rhodesia no change has been observed in respect of area. The average yield per hectare in Northern and North-Western Rhodesia reaches a record figure of 1,171 kg. per hectare, which is only 20 kg. per hectare more than the year 1960, and this represents an increase of about 448 kg. per hectare over the average yield secured in the earlier 1950s.

The Department of Agriculture, Nyasaland has estimated the 1961 tobacco crop at 14 to 15.4 million kg., or rather less than the last year. The estimate for fire-cured tobacco is of 8 to 10 million kg. The quality of the leaf being described as fairly good.

Export of unmanufactured tobacco in January-February 1961 (before the new crop came on the auction floors) amounted to 4.7 million kg., i.e. 0.9 million kg. more than in the first two months of the last year: consignments of flue-cured amounted to 3.6 million kg. or over three-quarters of the total. Shipments of all types to U.K. at 0.9 million kg. were 0.2 million kg. more than a year earlier and those to Hongkong more than doubled.

A delegation from the Federation has gone to New York and Washington to discuss problems with U.S. authorities regarding disposals of tobacco surplus.

UNITED STATES OF AMERICA

The U. S. tobacco acreage for the year 1961 has been estimated at 472.1 thousand hectares which is only 8% above the 1958 figure. It has to be mentioned that the area under tobacco had declined considerably during 1958 to 436.4 thousand hectares from a maximum of over 708.5 thousand hectares in 1951 and 1952. The area under flue-

cured is much the same as last year but that under Burley shows a significant increase.

Exports of unmanufactured tobacco during 1960 totalled 224.5 million kg. nearly 13.6 million kg. more than in the preceding year. Exports of all types to the U.K. still easily the chief single market reached 79.8 million kg. (of which 77.1 million kg. was flue-cured) were 16.3 million kg. greater than in 1959. Shipments to the Benelux showed a more marked rise of 6.4 million kg. to 26.8 million kg. Regarding the Government support price levels for the various non-Cigar types of the 1961 crop, they will continue the same as for the two previous crops. As such, price of Flue-Cured will be \$1-23 cents per kg.

CANADA

Canada will resume burley production in 1961, as reported by the officials of the Ontario Burley Tobacco Marketing Association. No burley was grown in Canada in 1960, because of excessive stocks accumulated in prior years. The goal for 1961 production has been set at 3.4 million kg. compared with a harvest of about 4.9 million kg. in 1959.

Total exports of unmanufactured tobacco in 1960, at 16.9 million kg. were 1.6 million kg. below the high figure of the previous year; flue-cured again provided 93% of the total, Burley accounting for most of the remainder.

BRAZIL

According to the reports from U.S. Department of Agriculture, Brazil's 1959-60 crop of flue-cured tobacco is now estimated at 50.5 mil. kg. which is up by 22% from the previous crop.

Most Brazilian flue-cured is used by domestic manufacturers. Ever-increasing demand for Cigarettes has limited export availabilities. However, sizable quantities may be exported from 1961 crop, to be harvested early next year. Crop of Bahia and native air-cured also were larger in 1959-60 than in the previous year. Brazil's crop of tobacco of all kinds totalled 147 million kg. in 1959-60, compared with 126.1 million kg. in 1958-59.

SWEDEN

Sweden imported about 5.6 million kg. of tobacco from the U.S.A. during January-October 1960. This was almost double the 2.9 million kg. shipped during the first ten months of 1959. This was mainly due to the increased factory use of U.S. flue-cured and burley tobacco, and the unusual low stocks at the beginning of the year.

ITALY

The Italian Tobacco Monopoly placed the 1960 Italian tobacco crop at 86.2 million kg. This is a 5% drop from the 90.3 million kg. harvested in 1959. Although there was some damage from blue mold, crops of both flue-cured and burley were larger than in 1959. Flue-cured, at 14.5 million kg. was up 22%, burley at 17.7 million kg., was up 6%. Drops in production of fire-cured, Maryland, oriental, more than offset increases in flue-cured and burley.

TANGANYIKA

According to the reports from the provincial Agricultural Officer, the Master Growers' scheme is progressing extremely satisfactorily in the Tabora district under the auspices of the East African Tobacco Company. The general plan is to cease buying green leaf as soon as possible, and concentrate on buying flue-cured tobacco direct from the master growers. This year there will be 237 master growers, and drying barns are being sited in clusters of upto eight or ten.

MALAYA

The Malayan Embassy in U.S.A. reports that the Cigarette production in the Federation of Malaya has doubled in the past year, and with the new \$3,000,000 factory to be completed at Kuala Lumpur next year the production will go even higher. Malaya's manufacturers are using local tobacco, with imported leaf from India and Rhodesia. But it is reported that these imports have dropped despite the increased cigarette output.

SYRIA

Revised Syrian figures for 1959 tobacco production indicate that 7.5 million kg. were

harvested from 8,831.6 hectares. Production in 1960 is estimated at 9.5 million kg. from 10,524 hectares. The present policy of the Syrian Tobacco Monopoly is to emphasize improvement in quality.

COLOMBIA

The United States Department of Agriculture reports that Colombia's exports of unmanufactured tobacco totalled 5.0 million kg. during the first six months of 1960. The total for 1960 is expected to be nearly 5.4 million kg. thus raising the level of exports for the second consecutive year. The totals for 1958 and 1959 were 4.5 million kg. and 5.0 million kg. respectively. During the first half of 1960, West Germany with purchases of nearly 2.8 million kg., took more than half of Colombia's exports. Other major export outlets in January-June, 1960 included France, Algeria, the Netherlands and the United States.

Exports to the United States totalled 272,158 kg. in January-June, 1960, presumably cigar filler tobacco. No Colombian tobacco moved to the United States in 1956-58 and only 5,897 kg. in 1959.

CAMBODIA

Cigarette output in Cambodia during early 1960 was almost double the volume during the comparable period of 1959. Cigarette factories in Cambodia produced 471 million pieces during January-April, 1960, compared with 280 million for the first four months of 1959, according to the U.S. Department of Agriculture.

NIGERIA

During the first half of 1960, Nigeria's imports of unmanufactured tobacco totalled nearly 0.9 million kg. The United States supplied 0.7 million kg. or 75% of the total. Most of the remainder was purchased from India. Nigeria is an important market for Black Fat tobacco, which has been in demand by the natives of West Africa for more than 100 years.

AUSTRALIA

According to the reports from U.S.D.A. Australian production of flue-cured tobacco

in 1959-60, reached the record level of 9.2 million kg., which is up by 45% of the 6.4 million kg. produced in 1958-59. For the 1960-61 season, a further substantial increase in production is expected. Indications are that the area planted this season may be as much as 25% larger than the 7,935.2 hectares devoted to tobacco in 1959-60. Excellent yields and prices obtained for the 1959-60 harvest have greatly encouraged interest in the crop. New curing barns are being built in all producing areas.

Australian tobacco growers have benefitted from a government mixing regulation. This specifies that in order to qualify for concessional duty rates, imported tobacco must be blended with certain minimum percentages of domestic leaf and these percentages have been steadily increasing.

TURKEY

There was a drop of 26% in Turkey's exports during the first half of 1960. Turkey exported 34.9 million kg. of tobacco during January-June, 1960, compared with 47.2 million kg. in the first six months of 1959. Most of this year's decline was in exports to the United States, Soviet Bloc countries and West Germany. Exports to U.S.S.R., U.S.A. and W. Germany this year were 7.9 million kg., 20.0 million kg. and 1.4 million kg. as against 12.6 million kg., 21.8 million kg. and 5.4 million kg. respectively during the comparable period of 1959.

NOTE: Kg. = Kilogram = 2.2046 lb.
1 Hectare = 2.47 acres.

Source:

1. Tobacco Intelligence — March and April 1961.
2. Tobacco, U.S.A. (Weekly) — 16-12-'60 and 13-1-1961.
3. Western Tobacco Journal (Weekly) — 22nd and 29th December 1960.
4. Tobacco (Monthly) — March, 1961.
5. Tobacco World — January, 1961.
6. The Tobacco Leaf (Weekly) — 3rd and 17th December 1960.

ANNOUNCEMENT

Collectorate of Central Excise, M. P. & Vidarbha,
Post Box No. 81, Nagpur.

PUBLIC NOTICE No. 1/61 (Administration)

Sub :—Administration — Reorganisation of ranges in Nagpur Division.

Nagpur Division will be reorganised as below with effect from 1st May, 1961. These changes affect Wardha, Gondia, Amraoti and Akola Circles of Nagpur Division. The present Nagpur Circle remains unaffected as a result of this order :—

WARDHA CIRCLE

(i) Hinganghat Tahsil of Wardha District which forms part of Warora M.O.R. will be transferred to Wardha M.O.R. Consequently two sectors of Warora M.O.R. at Hinganghat will form part of Wardha M.O.R. and the jurisdiction of Wardha M.O.R. will extend over to whole of Wardha District.

(ii) The headquarters of Warora M.O. Range shall be shifted to Chanda and the range shall be renamed as 'Chanda M.O. Range'. The jurisdiction of the New Chanda M.O. Range shall extend over to Chanda and Warora Tahsils of Chanda District and Wun and Kelapur Tahsils of Yeotmal District.

GONDIA CIRCLE

(i) Balaghat Range will be bifurcated into two ranges viz. Balaghat and Waraseoni Ranges. The headquarters of the New Waraseoni Range will be at Waraseoni and its jurisdiction will extend over to Waraseoni Tahsil of Balaghat District. Consequently the jurisdiction of Balaghat Range shall cover only Balaghat and Baihar Tahsils of Balaghat District.

AMRAOTI & AKOLA CIRCLES

(i) The existing Karanja M.O. Range shall be bifurcated into two ranges viz. Karanja and Basim Ranges. The jurisdiction of new Basim Range shall extend over to Basim and Mangrupir Tahsils of Akola District. Consequently the jurisdiction of Karanja range will remain over Murtizapur Tahsil and Borgaon, Kurankhed and Pinjar Revenue Circles of Akola Tahsil of Akola District.

(ii) The New Karanja and Basim Ranges will be transferred to Akola Circle from Amravati Circle and the jurisdiction of Akola Circle will extend over to Akola and Buldana Districts of Maharashtra State and that of Amravati Circle will extend over to Amravati District of Maharashtra State and Betul District of Madhya Pradesh State.

(Sd.) D. N. KOHLI,
11-4-1961.
Collector.

C.No. I (9) 1/61/18863.
Nagpur, the 13th/14th April, 1961.

TOBACCO EXCISE TARIFF

(As on 1st March 1961)

Item 4 of the First Schedule to the Central Excises and Salt Act 1944.

Item No.	Description of goods	Rate of duty	
4.	TOBACCO :		
	"Tobacco" means any form of tobacco, whether cured or uncured and whether manufactured or not, and includes the leaf, stalks and stems of the tobacco plant, but does not include any part of a tobacco plant while still attached to the earth.		
	I. UNMANUFACTURED TOBACCO :	Per Kilogram	
	(1) If flue-cured and used in the manufacture of cigarettes.	Two rupees and fifty naye paise	
		Basic (per kilogram) Rs. nP.	Additional (per kilogram) Rs. nP.
	(2) If flue-cured and used for the manufacture of smoking mixtures for pipes and cigarettes.	16 50	1 10
	(3) If flue-cured and not otherwise specified.	2 20	0 44
	(4) If other than flue-cured and used for the manufacture of : (a) cigarettes or (b) smoking mixtures for pipes and cigarettes.	2 00	Nil
	(5) If other than flue-cured and not actually used for the manufacture of : (a) cigarettes or (b) smoking mixtures for pipes and cigarettes or (c) biris— (i) Stems of tobacco larger than 6.35 millimetres in size ; (ii) Dust of tobacco ; (iii) granule ('rawa') of tobacco capable of passing through a sieve made of wire not finer than 24 S.W.G. (0.5588 millimetre diameter) and containing not less than 18 uniform circular or square apertures per linear distance of 25.4 millimetres ; (iv) Tobacco cured in whole leaf form and packed or tied in bundles, hanks or bunches or in the form of twists or coils.	1 14	0 06
	Explanation : Such varieties of unmanufactured tobacco used in the manufacture of biris as the Central Government, by notification in the official Gazette, specifies in this behalf shall not be deemed to fall within this sub-item but shall be deemed to be unmanufactured tobacco, not otherwise specified, within the meaning of sub-item (6).		
	(6) If other than flue-cured and not otherwise specified.	2 20	0 44
	(7) If used for agricultural purposes.	Nil	Nil
	(8) Stalks.	0 22	0 02

II. MANUFACTURED TOBACCO :

(1) Cigars and cheroots of which the value—	per hundred Rs. nP.	per hundred Rs. nP.
(i) exceeds Rs. 25/- a hundred	13 00	3 75
(ii) exceeds Rs. 15/- a hundred, but does not exceed Rs. 25/- a hundred	9 00	2 25
(iii) exceeds Rs. 5/- a hundred, but does not exceed Rs. 15/- a hundred	3 00	0 75
(iv) exceeds Rs. 1.25 a hundred, but does not exceed Rs. 5/- a hundred	0 75	0 15
(2) Cigarettes of which the value	per thousand Rs. nP.	per thousand Rs. nP.
(i) exceeds Rs. 35/- a thousand	23 75	7 70
(ii) exceeds Rs. 30/- a thousand, but does not exceed Rs. 35/- a thousand	12 75	4 20
(iii) exceeds Rs. 25/- a thousand, but does not exceed Rs. 30/- a thousand	11 50	3 80
(iv) exceeds Rs. 20/- a thousand, but does not exceed Rs. 25/- a thousand	6 50	2 60
(v) exceeds Rs. 15/- a thousand, but does not exceed Rs. 20/- a thousand	5 50	2 20
(vi) exceeds Rs. 10/- a thousand, but does not exceed Rs. 15/- a thousand	3 15	1 10
(vii) exceeds Rs. 7.50 a thousand, but does not exceed Rs. 10/- a thousand	2 00	0 60
(viii) does not exceed Rs. 7.50 a thousand	1 20	0 40
(3) Biris in the manufacture of which any process has been conducted with the aid of machines operated with or without the aid of power.	3 00	0 60

Central Excise Collectorate, M. P. & Vidarbha

Post Box No. 81, Nagpur

TRADE NOTICE NO. 4 OF 1961

(CENTRAL EXCISE)

Sub.—Bonds — Furnishing of a single omnibus bond by a licensee in a Collectorate to cover warehousing exports and inter-warehouse movements of tobacco in respect of all warehouses owned by him — Prescription of form regarding.

It had been represented by the trade that there should be one single bond for warehousing, Exports and inter-warehouse movements of tobacco in respect of all warehouses owned by a licensee in one Collectorate. In order to extend this facility, the Government have suitably amended the Bond B.12 (Gen. Sur) and B.12 (Gen. Sec.) vide Govt. of India, Ministry of Finance (Department of Revenue) Notification No. 97/61 dated the 8th April, 1961, so as to enable a licensee to execute one bond only to cover all transactions on tobacco, namely, warehousing, inter-warehousing movements and exports in respect of one or more than one warehouse, as the case may be, owned by him in the jurisdiction of the same Collectorate.

2. The Trade may avail of the facility as provided in the amended Bond, if they desire and contact the local Central Excise Officer for further details. The amount of Bond shall not be less than Rs. 1 lakh and more than Rs. 5 lakhs, the amount in each case being fixed with regard to the volume of business transacted by a particular trader in a year, if a licensee is the owner of one warehouse in the Collectorate. If, however, the licensee desires to execute a bond for more than one warehouse owned by him the amount of the bond shall not be less than Rs. 3½ lakhs. In such cases separate credits shall be apportioned out of the bond amount for separate warehouses in consultation with the owner of the warehouses.

(Sd.) D. N. KOHLI,
Collector.

24-4-1961.

The Mysore Central Excise Collectorate, Bangalore

TRADE NOTICE NO. 7/61

Dated 24-4-1961.

Sub.—Central Excise — Delivery of excisable goods on Budget day of Parliament.

With a view to obviate any unnecessary hardship or difficulties to the trade, they are hereby informed that during the presentation of the annual and/or interim budget of Central Government to parliament in the month of February or at any time in each year, or whenever any restrictions are imposed on clearances of excisable goods, no excisable goods will be allowed to be removed from a factory or a warehouse whether for home consumption or for export or for removal to another bonded warehouse after 5 p.m. on such days of the year. The operation of the concession of effecting removals on gate passes and filing a consolidated A.R. 1 at the close of the day will also stand suspended on all such occasions and such of the manufacturers/warehouse keepers as are availing of this concession will be required to follow the normal procedure for effecting clearances on those days. Further, A.R.1 applications should be submitted on such occasions by the trade 12 hours before the intended clearance while the A.R.3 and A.R.4 applications should be submitted at least 24 hours in advance and all the formalities connected with clearance viz. assessment, issue of gate pass etc. shall be completed by the Central Excise Officers in time and the goods physically removed well before 5 p.m. on the day of presentation of the annual and/or interim Budget and/or on restricted days.

(Sd.) B. SEN.
Collector.

TRADE AGREEMENT

TRADE AGREEMENT BETWEEN THE GOVERNMENTS OF INDIA AND GREECE

With reference to Article 7 of the Trade Agreement between India and Greece, signed on the 14th of February, 1958, and renewed on the 2nd March, 1960, in New Delhi, the agreement has been further extended upto 31st December, 1961.

Tobacco and Tobacco manufactures, viz. Cigars and Cigarettes, are included in the schedule of exports from India to Greece.

APRIL-JUNE 1961

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INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Utilization of the services of retired scientists in the field of Agriculture, Animal Husbandry and allied sciences

The existing rules regarding superannuation sometimes put an abrupt end of the research work of an active scientist or, at any rate, make the continuation of such work extremely difficult as a result of which the talent of a good number of scientists who are physically fit and mentally alert is wasted after retirement for lack of opportunities to pursue work in their fields of specialization. In order that the experience and talent of such scientists as have finished with their active professional career is not wasted, the Indian Council of Agricultural Research has initiated a scheme for the utilization of the services of retired scientists in the field of agriculture, animal husbandry and allied sciences.

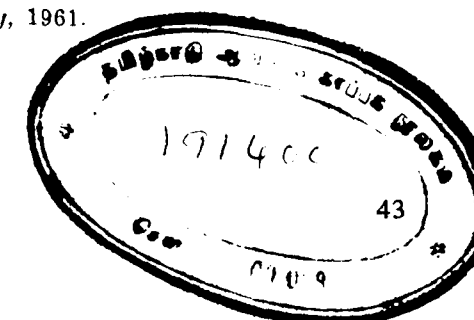
2. Under the scheme retired/retiring scientists of established reputation who are still active in research will be enabled to continue their researches with suitable financial assistance from the Indian Council of Agricultural Research. The retired or retiring scientist should try to secure a sponsoring Institution (which may be one from which he has retired or a different one) which would provide him necessary facilities for continuing his work e.g. access to the laboratory and library, accommodation for work etc. The choice of the Institution at which the retired scientist would continue his researches will be left to the scientist himself but such Institution should be one acceptable to the Council. The retired or retiring scientist (within a year of his retirement) will submit to the Council an outline scheme of research which he intends to undertake after retirement. In doing so, he will clearly give an account of the

research work done by him during the five years preceding the date of his retirement or application whichever is later.

3. An annual allowance not exceeding Rs. 6,000 will be provided to the retired scientist himself, if asked for by him, and a grant ordinarily not exceeding Rs. 4,000 for expenses as may be decided by the Council. The amount of the grant may be increased in exceptional cases where the investigations involve field work necessitating undertaking of tours or where costly equipment/apparatus have to be purchased.

4. The allowances and grants to the scientists under the scheme will be provided, in the first instance, for a period of three years only. As usual, annual progress reports shall be submitted to the Council by the Scientist. Where the retired scientist would like the grant to be renewed, he will have to submit a year in advance of the termination of the first sanction, an application to that effect indicating the progress made under the scheme and the programme proposed to be followed during subsequent years. The allowances and grants to the retired scientists will be payable on a monthly basis through the Institution to which the retired scientist is attached.

All applications for grant under the scheme during the year 1961-62 should be submitted to the Council in the prescribed proforma which can be obtained, free of cost, from the Additional Secretary, Indian Council of Agricultural Research, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi. Last date for receipt of applications is 15th July, 1961.



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All correspondence should be addressed to :

**The Secretary,
INDIAN CENTRAL TOBACCO COMMITTEE,
122, Mount Road, MADRAS-6**

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