

FIFTH ISSUE

DEPARTMENT OF STATISTICS, INDIA

Agricultural Statistics of India

1918-19

Volume I

Classification of Area, Area under Crops, Live-
stock, Land Revenue Assessment, and Transfers
of Land in British India

Published by order of the Governor-General in Council



CALCUTTA
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1921

PRICE TWO RUPEES

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21. Statistical Tables relating to Banks in India. R1-12. (1a. 6p.)
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26. Calcutta Trade Fluctuations. As. 2.
27. Customs Revenue Statement. Half anna.
28. Joint Stock Companies registered in British India and Mysore. Half anna.

FORTNIGHTLY.

29. Wholesale and Retail Prices of cereals, pulses, oilseeds, sugar, salt, etc., in India. As. 6.

WEEKLY.

30. Weekly Imports and Exports from Chief Ports of Wheat, Jute and Cotton. Half anna.

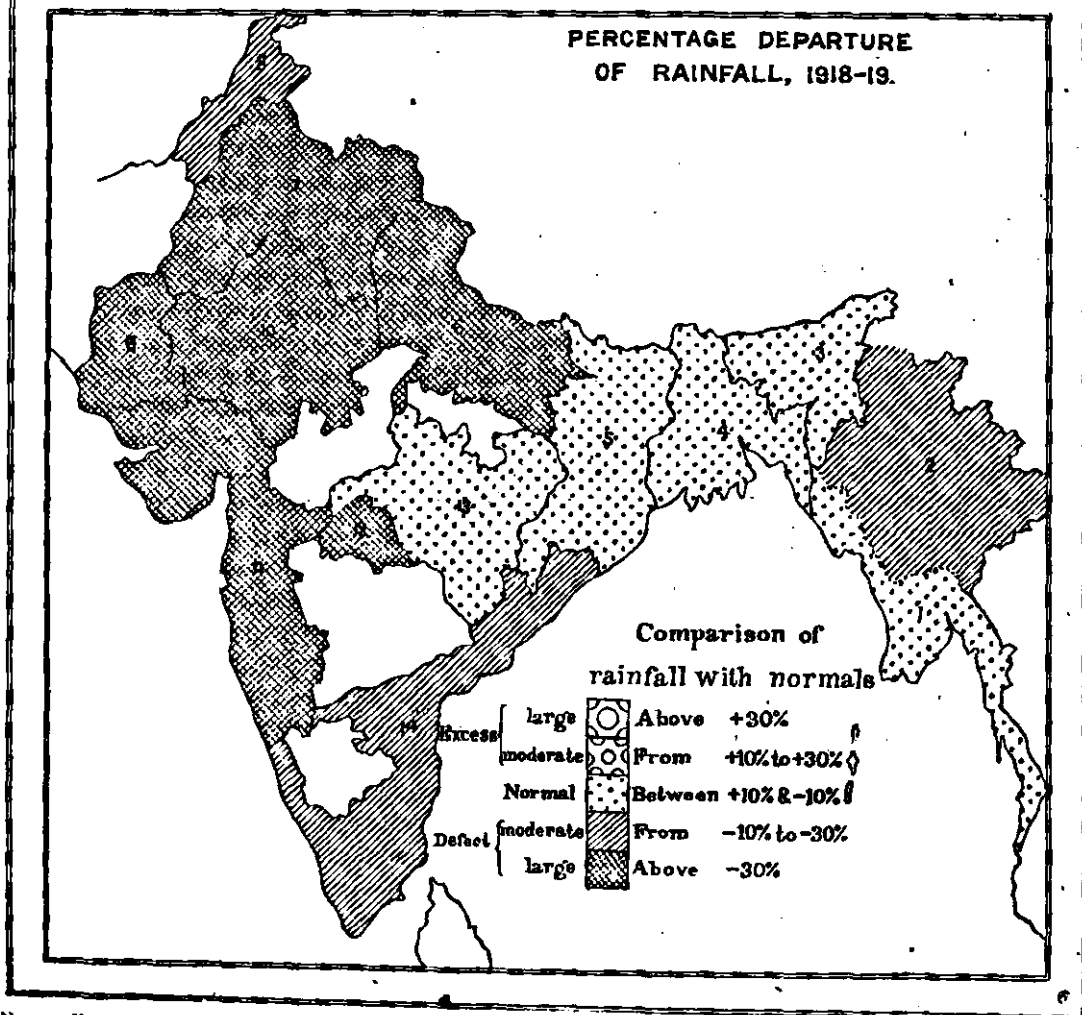
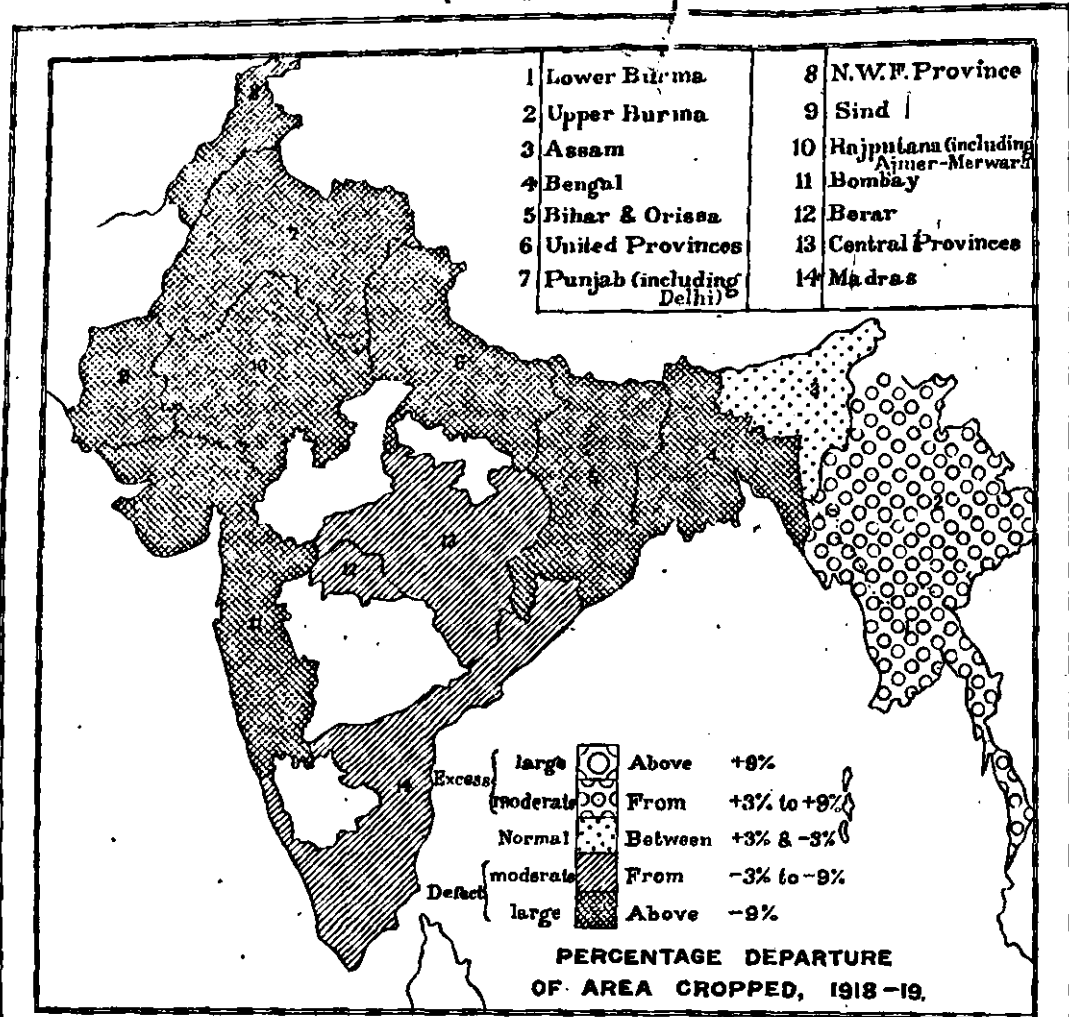
MISCELLANEOUS.

31. Index Numbers of Indian Prices from 1861—1918. As. 13. (3a.)
32. Crop Forecasts. Half anna each.
Rice—1st (October), 2nd (December), Final (February).
Wheat—1st (January), 2nd (March), 3rd (May), Final (August). Special and supplementary (intermediate).
Cotton—1st (August), 2nd (October), 3rd (December), Final (February).
Linseed, Rape and Mustard (*winter oilseeds*)—1st (January), 2nd (March), Final (June).
Sesamum (*til or jinjili*)—1st (September), 2nd (October), Final (January), Supplementary (April).
Groundnut—1st (October), Final (February).
Indigo—1st (October), Final (December).
Sugarcane.—1st (August), 2nd (October), Final (February).
33. Large Industrial Establishments in India. R2-12.
34. Registration and Publication of Statistics relating to the Sea-borne Trade and Navigation of British India. R3-2.
35. A manual on the preparation of Crop Forecasts in India. As. 8.
36. Cotton Map of India, No. 1.—Showing the different varieties of cotton grown in the different districts and States in India. As. 8.
37. Cotton Map of India, No. 2.—Showing the relative importance of cotton growing districts and States in India. As. 4.
38. Quinquennial Report on the Average Yield per Acre of principal Crops in India for the period ending 1916-17. As. 12.

Copies of these Maps can be obtained from the Department of Statistics, India, 1, Council House Street, Calcutta.

NOTE.—[Those marked with an asterisk (*) to be obtained from the Officer in charge, Bengal Secretariat Book Depot.]

MAP SHOWING THE DEPARTURE OF CROPPED AREA AND THAT OF RAINFALL IN 1918-19



NOTE.—For the actual figures of rainfall reference may be made to the publication entitled "Rainfall of India," issued by the Meteorological Department.

THIRTY-FIFTH ISSUE

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1918=19

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Area, Classification of Area, Area under Crops, Live-
Stock, Land Revenue Assessment, and Transfers
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PRICE TWO RUPEES

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AVERAGE YIELD OF CROPS
(ALL PROVINCES)

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APPENDIX A—continued

No. 1.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each PROVINCE of BRITISH

Province	Quinquennium ending	RICE (HUSKED) (<i>Oryza sativa</i>)			WHEAT (<i>Triticum sativum</i>)			BARLEY (<i>Hordeum vulgare</i>)			JAWAR (<i>Sorghum vulgare</i>)			
		Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	
Bengal	1901-02(a)	..	..	(c) 1,234 (d) 823 (e) 823	..	..	(f) 984 (g) 881 (h) 451	..	..	881	..	..	..
	1906-07(b)	..	..	(c) 1,234 (e) 800 (d) 983	..	..	(f) 984 (g) 881 (h) 451	..	..	881	..	..	..
	1911-12	..	..	(c) 1,104 (e) 807	..	..	861	..	..	..	..	..	..
	1916-17	..	..	(c) 1,036 (d) 1,179 (e) 871	..	..	698	..	..	..	..	..	..
Madras	1901-02	1,061	866	..	..	..	..	..	..	..	1,065	679	..
	1906-07	1,116	926	..	..	..	..	..	..	..	1,118	647	..
	1911-12	1,193	887	..	..	..	..	..	..	..	1,379	721	..
	1916-17	..	..	1,047	..	..	..	..	..	..	..	..	698
Bombay	1896-97	..	1,230	..	1,250	510	575	..	..	..	1,550	670	..
	1901-02	..	1,230	..	1,250	510	575	..	..	..	1,550	670	..
	1906-07	..	1,230	..	1,250	510	575	..	..	..	1,550	670	..
	1911-12	..	1,230	..	1,250	510	575	..	..	..	1,550	670	..
Sind	1896-97	..	..	..	944	..	..	..	962	..	853	..	..
	1901-02	..	..	..	1,086	..	..	..	965	..	1,798	..	..
	1906-07	..	..	..	1,229	..	..	..	1,076	..	1,236	..	..
	1911-12	..	..	..	1,340	..	..	..	1,076	..	1,386	..	..
United Provinces	1896-97	1,018	619	625	980	803	800	989	736	855	..	474	..	
	1901-02	1,050	800	850	1,250	800	1,050	1,350	900	1,150	..	600	..	
	1906-07	1,050	800	850	1,250	850	1,050	1,300	900	1,100	..	650	..	
	1911-12	1,100	850	900	1,250	850	1,050	1,300	900	1,100	..	650	..	
Bihar and Orissa	1911-12	..	..	(c) 1,234 (d) 800 (e) 800	..	..	(f) 984 (h) 451	..	..	881	..	..	..
	1916-17*	..	..	(c) 1,234 (d) 800	..	..	(f) 984 (h) 451	..	..	881	..	..	..
		..	..	(e) 800	..	..	..	..	..	..	..	..	..
	Punjab	1896-97(6)	1,167	260	775	917	576	728	917	562	692	595	374	481
1901-02(7)		1,126	734	979	935	642	770	903	620	617	552	368	426	
1906-07(8)		1,183	771	1,080	994	619	816	1,053	652	786	561	447	479	
1911-12(9)		782	474	688	868	555	726	1,018	592	716	488	381	406	
Upper Burma†	1906-07	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	1,250	1,000	1,060	..	635	..	..	..	..	..	400	..
	1906-07	1,117	932	1,028	..	575	..	..	..	..	..	300	..
	1911-12	1,094	891	997	..	322	..	..	..	..	..	284	..
Lower Burma†	1906-07	..	1,130	..	..	..	..	..	..	..	..	..	..
	1901-02	..	1,200	..	..	..	..	..	..	..	..	..	..
	1906-07	..	1,176	..	..	..	..	..	..	..	..	..	..
	1911-12	..	1,140	..	..	..	..	..	..	..	..	..	..
Central Provinces and Berar	1896-97	..	..	(k) 670	(l) 925	(m) 570 (n) 754	(o) 800	..	..	..	(p) 570 (q) 815	..	..
	1901-02	..	..	..	..	(r) 687	600	..	..	..	(s) 688	..	..
	1906-07	..	..	580	..	..	600	..	..	..	638	..	..
	1911-12	..	..	624	..	..	600	..	..	..	664	..	..
Assam	1896-97	..	894	..	..	..	..	..	..	..	..	..	..
	1901-02	..	910	..	..	..	..	..	..	..	..	..	..
	1906-07(f)	..	(c) 1,064 (d) 1,120 (e) 672	..	..	784	..	..	672	..	..	..	..
	1911-12	..	(c) 1,008 (e) 672	..	..	..	..	..	..	..	..	..	..
North-West Frontier	1901-02	843	..	..	883	563	669	1,033	651	799	..	602	..
	1906-07	1,202	..	..	842	540	618	1,214	689	818	823	326	478
	1911-12	1,205	..	..	874	559	633	1,189	736	876	..	436	..
	1916-17	1,208	..	..	914	588	676	1,141	746	907	..	399	..
Ajmer-Merwara	1896-97	..	..	..	..	..	..	1,695	..	..	..	277	..
	1901-02	..	..	..	..	..	..	1,305	..	..	..	316	..
	1906-07	..	..	..	..	..	..	1,107	763	1,046	662	424	429
	1911-12	..	..	..	..	..	..	1,248	550	1,168	..	137	..
Delhi	1916-17	..	..	..	1,148	658	..	960	870	..	..	400	..
	1896-97	..	1,364	..	..	..	..	..	..	..	..	..	..
	1901-02	..	1,448	..	..	..	..	..	..	..	..	..	..
	1906-07	..	1,507	..	..	..	..	..	..	..	..	..	..
Coorg	1911-12	..	1,483	..	..	..	..	..	..	..	..	..	..
	1916-17	..	1,425	..	..	..	..	..	..	..	..	..	..
	Average for British India	1916-17	1,062	830	1,047	797
	Mysore	1896-97	940
1901-02		880	..	..	..	..	..	..	..	..	..	..	..
1906-07		879	..	..	..	..	..	..	..	..	..	..	..
1911-12		841	..	..	..	..	..	..	..	..	..	..	..

NOTE.—(1) Average yield of both irrigated and unirrigated land is ascertained by multiplying the yield of irrigated land by the irrigated area cropped, and the yield of unirrigated land multiplied by the unirrigated area cropped, and dividing the sum of these products by the total area cropped.
 (2) The superseded figures of the previous quinquennia have been inserted merely to show the trend of the revision, made in each period.
 * The estimates for Bihar and Orissa are the standards adopted provisionally by the Agricultural Department of the province, which are partly based on the information collected in 1892. The results of the experiments for the period ending 1916-17, as recorded in table No. 6, are not considered sufficiently reliable to justify a revision of the provincial estimates.
 † The averages for Burma for 1916-17 are based on the normal outturns per acre given in the Season and Crop Report of Burma for 1916-17
 (a) As constituted before 1906 (b) As constituted before 1912 (c) Winter (d) Spring (e) Autumn (f) Bihar (g) Bengal
 (h) Chota Nagpur (i) Includes Delhi (j) Relates to Eastern Bengal and Assam (k) Central Provinces (l) Berar

AVERAGE YIELD OF CROPS
(ALL PROVINCES)

INDIA and in the MYSORE STATE revised with reference to crop experiments made up to the year 1916-17.

BAJRA (<i>Pennisetum typhoidesum</i>)			RAOI (<i>Elymus coracana</i>)			MAIZE (<i>Zea Mays</i>)			PEAS AND BEANS			Quinquennium ending	PROVINCE
Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both		
..	820	820	881	1901-02	Bengal
..	..	..	..	..	820	..	..	820	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	..	1916-17
766	545	..	1,296	798	1901-02	Madras
1,020	811	..	1,405	956	..	..	..	..	..	..	..	1906-07
1,020	659	..	1,419	1,075	..	..	..	..	..	..	..	1911-12
..	..	624	..	..	1,092	..	..	..	..	..	..	1916-17
..	400	..	1,400	1,080	1896-97	Bombay
..	400	..	1,400	1,080	..	..	..	..	..	..	..	1901-02
..	400	..	1,400	1,080	..	..	..	..	..	..	..	1906-07
..	400	..	1,400	1,080	..	..	..	..	..	..	..	1911-12
..	400	..	1,400	1,080	..	..	..	..	..	..	..	1916-17
708	1896-97	Sind
763	..	..	..	..	..	..	..	..	..	..	..	1901-02
776	..	..	..	..	..	..	..	..	..	..	..	1906-07
971	..	..	..	..	..	..	..	..	..	..	..	1911-12
824	..	..	..	..	..	..	..	..	..	..	..	1916-17
..	384	883	1896-97	United Provinces
..	500	..	..	..	..	..	950	..	(m)1,150	(m) 600	(m)1,000	1901-02
..	550	..	..	..	..	..	1,050	..	(m)1,150	(m) 600	(m)1,000	1906-07
..	550	..	..	..	..	..	1,100	..	(m)1,150	(m) 600	(m)1,000	1911-12
..	550	..	..	..	..	..	1,100	..	(m)1,150	(m) 600	(m)1,000	1916-17
..	820	820	1911-12	Bihar and Orissa
..	..	..	..	..	820	..	..	820	..	..	..	1916-17
500	365	375	1,213	668	808	1896-97	Punjab
936	378	407	..	..	..	1,133	841	943	..	..	..	1901-02
595	445	462	..	..	..	1,170	850	1,001	..	..	..	1906-07
521	365	379	..	..	..	1,112	766	908	..	..	..	1911-12
588	416	420	..	..	..	1,324	822	1,040	..	..	..	1916-17
..	1896-97	Upper Burma
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	(n) 478 (o) 856	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	(p) 732 (o) 746	1916-17
..	1896-97	Lower Burma
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	..	1916-17
..	1896-97	Central Provinces and Berar
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	..	1916-17
..	1896-97	Assam
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	2,128	..	..	..	..	1916-17
762	381	402	1,665	583	1,150	1901-02	North-West Frontier
698	482	497	..	..	..	1,841	745	1,342	..	..	..	1906-07
704	489	502	..	..	..	1,356	735	1,202	..	..	..	1911-12
734	540	552	..	..	..	1,770	735	1,276	..	..	..	1916-17
..	1,501	1896-97	Ajmer-Merwara
..	..	..	..	..	..	956	1,428	1,021	..	..	..	1901-02
..	..	..	..	..	..	965	980	714	..	..	..	1906-07
..	..	..	..	..	..	946	835	866	..	..	..	1911-12
..	..	..	..	..	..	998	827	934	..	..	..	1916-17
..	360	840	1916-17	Delhi
..	1896-97	Coorg
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	..	1916-17
..	..	502	1,059	1,025	889	1916-17	Average for British India
..	471	1896-97	Mysore
..	..	..	..	578	..	..	..	..	..	..	..	1901-02
..	..	..	..	562	..	..	..	..	..	..	..	1906-07
..	..	..	..	581	..	..	..	..	..	..	..	1911-12
..	..	..	..	728	..	..	..	..	..	..	..	1916-17

(m) *Pisum sativum*

(n) *Dolichos lablab*

(o) *Phaseolus lunatus*

(p) *Dolichos lablab* and represents the average of both Upper and Lower Burma

AVERAGE YIELD OF CROPS
(ALL PROVINCES)

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APPENDIX A—continued

No. 1.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each PROVINCE of BRITISH INDIA

PROVINCE	Quinquennium ending	ARHAR (<i>Cajanus indicus</i>)			GRAM (<i>Cicer Arisatum</i>)			LINSSEED (<i>Linum usitatissimum</i>)			TIL OR JINJILI (SESAMUM) (<i>Sesamum indicum</i>)		
		Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both
Bengal	1901-02(a)	..	..	881	..	..	881	..	..	492	..	..	..
	1906-07(b)	..	..	881	..	..	881	..	..	492	..	..	..
	1911-12	..	..	..	..	..	881	..	..	492	..	..	..
	1916-17	..	..	..	..	..	887	..	..	443	..	..	804
Madras	1901-02	..	..	..	..	..	..	..	..	..	874	299	..
	1906-07	..	..	..	..	..	..	..	..	..	444	270	..
	1911-12	..	..	..	..	..	..	..	..	..	573	238	..
	1916-17	..	..	..	..	..	..	..	..	..	..	..	299
Bombay	1896-07	..	..	..	1,200	410	..	..	..	360	..	..	400
	1901-02	..	..	..	1,200	410	..	..	360	..	..	..	400
	1906-07	..	..	..	1,200	410	..	..	360	..	..	..	400
	1911-12	..	..	..	1,200	410	..	..	360	..	..	..	400
Sind	1896-07	..	..	..	..	478	..	..	..	..	269	..	..
	1901-02	..	..	..	..	469	..	..	..	..	448	..	..
	1906-07	..	..	..	..	469	..	..	..	..	448	..	..
	1911-12	..	..	..	..	476	..	..	..	..	394	..	..
United Provinces	1896-07	..	..	..	719	639	642	..	..	500	..	..	..
	1901-02	..	750	..	950	800	800	..	600	500	..	280	..
	1906-07	..	750	..	950	800	800	..	600	..	..	230	..
	1911-12	..	750	..	950	800	800	..	600	..	..	230	..
Bihar and Orissa	1911-12	..	..	881	..	..	881	..	..	492	..	..	..
	1916-17	..	..	881	..	..	881	..	..	492	..	..	..
	1896-07(c)	..	..	..	755	522	540	..	..	..	..	..	..
	1901-02(c)	..	..	..	835	634	659	..	..	..	..	..	..
Punjab	1906-07(c)	..	..	..	884	656	701	..	..	..	..	..	..
	1911-12(c)	..	..	..	625	534	549	..	..	..	..	..	..
	1916-17	..	..	..	725	588	616	..	..	..	..	..	..
	1896-07	..	..	..	..	..	..	..	..	..	..	..	..
Upper Burma	1901-02	..	..	..	..	645	..	..	..	..	..	..	269
	1906-07	..	..	..	..	778	..	..	..	..	..	..	200
	1911-12	..	..	..	..	..	..	..	..	..	..	..	224
	1916-17	..	..	..	..	414	..	..	..	..	..	..	229
Lower Burma	1896-07	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	..	..	..	..	..	..	..	..
	1906-07	..	..	..	..	..	..	..	..	..	..	..	..
	1911-12	..	..	..	..	..	..	..	..	..	..	..	..
Central Provinces and Berar	1896-07	..	..	..	..	(e) 550	..	..	(e) 220	..	..	(e) 200	..
	1901-02	..	..	..	..	(f) 695	..	..	(f) 397	..	..	(f) 378	..
	1906-07	..	..	..	..	(f) 662	..	..	(f) 456	..	..	(f) 389	..
	1911-12	..	..	..	..	525	..	..	295	..	..	230	..
Assam	1916-17	..	..	..	..	532	..	..	226	..	..	224	..
	1896-07	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	..	..	..	..	..	..	..	..
	1906-07(d)	..	..	..	..	..	..	..	..	..	..	..	..
North-West Frontier	1911-12	..	..	..	..	..	..	..	..	..	..	..	..
	1916-17	..	..	..	..	..	..	..	..	..	..	..	..
	1896-07	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	..	..	..	..	..	..	..	..
Ajmer-Merwara	1906-07	..	..	..	..	..	..	..	..	..	..	..	..
	1911-12	..	..	..	..	..	..	..	..	..	..	..	..
	1916-17	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	..	..	..	..	..	..	..	..
Delhi	1916-17	..	..	..	..	650	..	..	..	..	..	..	..
	1896-07	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	..	..	..	..	..	..	..	..
	1906-07	..	..	..	..	..	..	..	..	..	..	..	..
Goorg	1911-12	..	..	..	..	..	..	..	..	..	..	..	..
	1916-17	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	..	..	..	..	..	..	..	..
	1906-07	..	..	..	..	..	..	..	..	..	..	..	..
Average for British India	1916-17	..	..	840	..	..	720	..	..	357	..	..	280
	1916-17	..	..	..	..	..	..	..	..	..	..	..	..
Mysore	1896-07	..	..	..	..	..	..	..	..	..	..	..	..
	1901-02	..	..	..	..	212*	..	..	..	..	..	..	..
	1906-07	..	..	..	..	229*	..	..	..	..	..	..	231
	1911-12	..	..	..	..	257*	..	..	..	..	..	..	215
Mysore	1916-17	..	..	..	..	336*	..	..	..	..	..	..	109
	1916-17	..	..	..	..	..	..	..	..	..	..	..	252

* Relates to horse gram.
(a) As constituted before 1906
(b) As constituted before 1912
(c) Includes Delhi

(d) Relates to Eastern Bengal and Assam
(e) Central Provinces
(f) Berar

and in the MYSORE STATE revised with references to crop experimen's made up to the year 1916-17—contd.

RAPE AND MUSTARD (<i>Brassica sp</i>)			SUGARCANE (GUR) (<i>Saccharum officinarum</i>)			COTTON (CLEANED) (<i>Gossypium sp</i>)			JUTE (<i>Corchorus sp</i>)			Quinquen- num ending	PROVINCE
Irrig- ated	Unirri- gated	Both	Irrig- ated	Unirri- gated	Both	Irrig- ated	Unirri- gated	Both	Irrig- ated	Unirri- gated	Both		
..	..	492	2,460	75	1901-02	Bengal
..	..	492	..	..	2,460	..	..	155	..	..	..	1906-07
..	..	492	..	..	2,905	..	..	155	..	..	1,271	1911-12
..	..	480	..	..	2,968	..	..	155	..	..	1,300	1916-17
..	5,127	45	1901-02	Madras
..	..	..	6,039	..	..	66	44	..	..	..	..	1906-07
..	..	..	6,701	..	..	87	55	..	..	..	..	1911-12
..	..	..	5,040	..	..	..	..	68	..	..	..	1916-17
..	625	..	6,950	100	1896-97	Bombay
..	625	..	6,950	..	..	..	100	..	..	..	..	1901-02
..	625	..	6,950	..	..	..	100	..	..	..	..	1906-07
..	625	..	6,950	..	..	..	100	..	..	..	..	1911-12
..	625	..	6,950	..	..	..	102	..	..	..	..	1916-17
513	3,705	162	1896-97	Sind
653	..	..	4,315	..	..	102	..	..	..	..	..	1901-02
590	..	..	4,233	..	..	102	..	..	..	..	..	1906-07
602	..	..	4,233	..	..	125	..	..	..	..	..	1911-12
393	379	..	3,142	..	..	170	..	..	..	..	..	1916-17
..	600	450	2,239	169	128	135	1896-97	United Provinces
..	600	..	2,500	..	..	190	130	150	..	..	..	1901-02
..	600	..	2,600	..	..	220	130	160	..	..	..	1906-07
..	600	..	2,600	..	..	220	130	160	..	..	..	1911-12
..	600	..	2,600	..	..	230	130	170	..	..	..	1916-17
..	..	492	2,460	155	1,200	1911-12	Bihar and Orissa
..	..	492	..	..	2,460	..	..	155	..	..	1,200	1916-17
439	373	383	1,652	962	1,484	100	57	83	1896-97	Punjab
380	330	331	1,727	1,390	1,655	109	80	103	..	..	..	1901-02
404	205	254	1,607	1,288	1,634	78	64	74	..	..	..	1906-07
498	330	396	1,748	1,467	1,696	126	95	118	..	..	..	1911-12
540	339	429	2,038	1,520	1,933	143	104	125	..	..	..	1916-17
..	80	1896-97	Upper Burma
..	..	..	..	..	..	..	88	..	..	..	..	1901-02
..	..	..	..	..	..	..	122	..	..	..	..	1906-07
..	..	..	..	..	..	..	(g) 84	..	..	..	..	1911-12
..	1896-97	Lower Burma
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	..	1916-17
..	(g) 2,540	(g) 75	1896-97	Central Provinces and Berar
..	..	..	..	..	..	..	(f) 137	..	..	..	..	1901-02
..	..	..	..	..	2,390	..	100	..	..	..	..	1906-07
..	..	..	..	..	2,569	..	85	..	..	..	..	1911-12
..	..	..	..	..	2,569	..	86	..	..	..	..	1916-17
..	534	1,700	1896-97	Assam
..	520	..	..	2,200	..	..	..	..	..	..	..	1901-02
..	448	..	..	2,688	..	..	126	..	..	..	..	1906-07
..	504	..	..	1,904	..	..	154	..	..	1,200	..	1911-12
..	504	..	..	2,018	..	..	163	..	..	1,320	..	1916-17
450	381	388	1,813	183	72	142	1901-02	North-West Frontier
516	398	407	2,073	..	..	169	73	142	..	..	..	1906-07
544	411	418	2,430	..	..	173	142	160	..	..	..	1911-12
623	436	450	2,660	..	..	191	115	164	..	..	..	1916-17
..	272	1896-97	Ajmer-Merwara
..	..	..	..	..	..	192	..	..	..	..	..	1901-02
..	..	..	..	..	..	169	30	110	..	..	..	1906-07
..	..	..	..	..	..	180	127	170	..	..	..	1911-12
..	..	..	..	..	..	324	93	291	..	..	..	1916-17
400	280	..	2,000	1,440	..	120	70	1916-17	Delhi
..	1896-97	Coorg
..	..	..	..	..	..	..	..	..	..	..	..	1901-02
..	..	..	..	..	..	..	..	..	..	..	..	1906-07
..	..	..	..	..	..	..	..	..	..	..	..	1911-12
..	..	..	..	..	..	..	..	..	..	..	..	1916-17
..	..	467	2,754	102	1,293	1916-17	Average for British India
..	2,850	45	1896-97	Mysore
..	..	..	3,399	..	..	..	52	..	..	..	..	1901-02
..	..	..	3,279	..	..	..	80	..	..	..	..	1906-07
..	..	..	3,138	..	..	..	70	..	..	..	..	1911-12
..	..	..	2,559	..	..	..	123	..	..	..	..	1916-17

(g) Average both for Upper and Lower Burma

AVERAGE YIELD OF CROPS
(BENGAL AND MADRAS)

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APPENDIX A—continued

No. 2.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of BENGAL

DISTRICT	Winter rice	Autumn rice	Summer rice	Wheat	Gram	Rape and mustard	Linseed	Sesamum (oil)	Sugarcane (gur)	Jute
Bardwan	1,217	1,045	..	765	694	..	..	..	3,455	1,317
Birbhum	804	1,165	..	921	..	..	..	..	3,570	..
Bankura	1,220	1,011	1,016	1,093	..	..	..	603	2,220	..
Midnapur	1,051	946	..	..	..	..	600	412	8,613	984
Hooghly	1,172	823	..	..	..	..	..	..	4,687	1,186
Howrah	1,004	1,045	..	..	..	..	..	..	3,234	1,037
24-Parganas	1,055	865	..	..	..	..	..	..	2,869	1,064
Nadia	1,067	920	1,250	812	992	..	519	..	3,126	1,056
Murshidabad	1,021	1,112	..	652	659	452	371	436	2,583	923
Jessore	1,077	801	1,220	..	..	..	578	..	..	950
Khulna	1,187	1,052	..	..	..	..	..	400	..	1,283
Rajshahi	924	883	..	680	780	614	403	..	2,678	1,147
Dinajpur	918	855	..	..	..	656	..	..	2,615	1,358
Jalpalguri	1,019	957	..	..	..	501	..	..	..	1,224
Darjeeling	1,106	728	..	..	..	..	..	..	..	1,153
Bangpur	1,058	779	..	..	..	484	..	..	2,537	1,722
Dogra	1,043	845	..	..	..	..	..	..	2,824	1,347
Pabna	987	798	..	..	780	544	..	411	3,238	1,331
Malda	972	649	823	919	635	544	..	..	..	1,162
Dacca	996	968	1,178	..	..	520	..	810	..	1,266
Maimonsingh	942	1,099	1,216	..	..	424	..	449	2,577	1,296
Faridpur	936	936	1,230	..	..	393	..	..	4,252	1,542
Bakarganj	1,033	1,037	776	..	..	671	507	..	803	1,323
Chittagong	1,009	1,149	1,125	..	..	..	..	..	2,222	..
Tippera	1,109	881	1,174	..	..	240	..	..	2,723	1,533
Noakhali	1,007	806	..	..	..	..	..	..	1,968	3,629
Chittagong Hill Tracts	940	..	..	..	..	..	..	..	..	..
Average for the province (a)	1,033	929	1,146	803	817	482	541	492	3,207	1,371

(a) These figures are averages of the experiments made during the quinquennium ending 1916-17. The standards for the province adopted on the basis of all experiments made during the last two quinquennial periods are stated in table No. 1

No. 3.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of MADRAS

DISTRICT	RISE (husked) (a)	JAWAR			BAJRA			RAGI			TIL OR JINJILI (Sesamum)	SUGAR-CANE (gur)	COTTON (cleaned)	GROUND-NUT
	Irrigated and un-irrigated	Irrigated	Un-irrigated	Both	Irrigated	Un-irrigated	Both	Irrigated	Un-irrigated	Both	Irrigated and un-irrigated	Irrigated	Irrigated and un-irrigated	Irrigated and un-irrigated
Ganjam	992	1,200	800	800	1,200	650	650	700	700	700	280	5,040	50	1,120
Vizagapatam	1,116	1,300	800	800	1,200	850	850	1,000	1,000	1,000	336	5,040	50	1,120
Godavari	1,116	1,300	800	800	1,200	630	630	800	800	800	336	5,040	75	1,120
Kistna	1,116	1,300	700	700	1,200	630	630	1,400	900	980	336	5,040	75	1,120
Guntur	1,116	1,300	630	630	1,200	630	640	2,000	600	1,120	280	5,040	75	1,120
Nellore	930	1,300	600	610	1,400	700	1,150	1,650	550	1,440	280	5,040	75	1,120
Kurnool	992	1,400	630	640	1,200	550	610	1,600	500	1,310	224	5,040	50	1,120
Bellary	1,054	1,500	450	460	1,300	450	450	1,000	450	580	224	5,040	50	1,120
Anantapur	1,054	1,400	500	580	1,200	400	430	1,550	600	1,280	224	5,040	50	1,120
Cuddapah	1,116	1,500	630	700	1,300	700	820	1,050	600	1,370	224	5,040	50	1,120
Chittoor	1,178	1,500	600	1,260	1,100	650	680	1,000	750	1,280	280	5,040	50	1,120
North Arcot	1,116	1,500	600	1,000	1,100	650	680	1,250	800	1,110	280	5,040	55	1,120
Chingleput	930	1,400	600	620	1,000	650	720	1,100	600	940	280	5,040	50	1,120
South Arcot	1,054	1,500	600	700	1,000	700	710	1,500	700	1,130	280	5,040	55	1,120
Salem	1,178	1,500	600	700	1,300	600	600	1,500	900	980	280	5,040	55	1,120
Coimbatore	1,116	1,500	300	980	1,200	400	460	1,700	1,400	1,580	280	5,040	55	1,120
Trochinopoly	1,116	1,500	500	700	1,200	500	680	1,300	600	980	336	5,040	55	1,120
Tanjore	992	1,300	500	1,250	1,200	700	740	1,100	500	960	336	5,040	90	1,120
Madura	1,240	1,300	700	810	1,000	450	580	1,400	500	1,000	280	5,040	90	1,120
Ramanad	1,116	1,500	400	910	1,000	400	460	1,700	500	1,530	280	5,040	90	1,120
Tinnevely	1,240	1,800	400	1,110	1,000	450	470	1,600	500	1,280	280	5,040	90	1,120
Nilgiris	1,178	1,500	500	500	..	..	..	1,500	600	600	280	5,040	..	1,120
Malabar	868	1,500	700	700	1,000	600	600	..	1,500	1,500	224	5,040	50	1,120
South Canara	930	..	..	..	..	..	..	..	800	600	280	5,040	50	1,120
Average for the Province	1,047	..	..	696	..	..	624	..	..	1,092	299	5,040	66	1,120

(a) The yield reported in unhusked rice has been reduced by 38 per cent

APPENDIX A—continued

No. 4.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of BOMBAY

DISTRICT	RICE (HUSKED)	WHEAT		JAWAR		BAJRA	RAGI		MAIZE	GRAM	
	Un-irrigated	Irrigated	Un-irrigated	Irrigated (a)	Un-irrigated	Un-irrigated	Irrigated	Un-irrigated	Un-irrigated	Irrigated	Un-irrigated
Ahmadabad	1,440	1,800	560	..	(b) 1,080	840	..	1,440	..	..	500
Katra	1,320	1,800	600	..	(b) 1,050	970	..	1,440	..	..	500
Panch Mahals	1,200	1,800	700	..	(b) 1,100	825	..	1,420	1,100	..	600
Broach	900	..	600	..	(b) 1,160 (a) 820	700	..	1,500	..	..	500
Surat	1,560	..	560	..	(b) 760	600	..	1,200	..	..	500
West Khandesh	1,080	1,280	600	..	(b) 650	500	..	900	..	1,200	500
East Khandesh	1,080	1,280	600	..	(b) 650	380	..	900	..	1,200	500
Nasik	1,080	1,320	460	1,400	520	360	1,400	850	..	1,200	350
Ahmednagar	1,040	1,360	460	1,800	(a) 540	340	1,400	900	..	1,200	380
Poona	1,120	1,080	350	1,500	500	340	..	900	..	1,200	320
Sholapur	900	1,080	400	1,500	(a) 540	320	..	..	..	1,200	360
Satara	1,120	1,350	480	1,500	720	300	..	900	..	1,200	380
Belgaum	1,140	1,200	560	..	800	400	..	900	..	..	400
Bijapur	800	1,080	400	..	540	320	..	..	..	..	340
Dharwar	1,140	..	500	..	1,000	450	..	1,200	..	..	500
Tanna	1,200	..	..	..	..	..	..	770	..	..	400
Kolaba	1,320	..	..	..	..	..	..	800	..	..	380
Ratnagiri	1,020	..	..	..	..	..	..	680	..	..	320
Kanara	1,320	..	..	..	..	..	..	1,470	..	..	480
Average for the Province	1,220	1,250 576	510	1,550	670	400	1,400	1,060	..	1,200	410

DISTRICT	LINSEED	SESAMUM (til or jinjili)	SUGARCANE (gur)	COTTON (cleaned)	RAPE AND MUSTARD	SPELT	KODRA (Paspalum Scrobiculatum)	GROUNDNUT	
	Unirrigated	Unirrigated	Irrigated	Unirrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
Ahmadabad	350	400	6,000	125	640	..	1,320	..	..
Katra . . . . .	..	400	6,000	115	675	..	1,275	..	..
Panch Mahals	360	400	5,000	100	600	..	1,130	..	..
Broach . . . . .	..	450	7,000	130	..	..	1,025	..	..
Surat . . . . .	..	400	7,000	120	..	..	1,120	2,500	1,000
West Khandesh	360	400	7,000	110	..	1,500	900	2,500	1,250
East Khandesh	360	400	7,000	110	..	1,500	900	2,500	1,250
Nasik	350	400	7,000	100	..	1,500	..	2,500	1,250
Ahmednagar	360	400	7,000	90	..	1,500	..	2,500	1,200
Poona	360	400	7,000	90	..	1,500	..	2,500	1,250
Sholapur	360	400	7,000	90	..	1,500	..	2,500	1,250
Satara	360	400	7,000	90	..	1,500	..	2,500	1,500
Belgaum	360	400	7,000	100	..	1,500	..	2,500	1,500
Bijapur	360	400	7,000	90	..	1,500	..	2,500	1,250
Dharwar	360	400	7,000	120	..	1,500	..	2,500	1,500
Tanna . . . . .	..	300	7,000	..	..	..	640	..	1,250
Kolaba . . . . .	..	300	4,000	..	..	..	800	..	1,250
Ratnagiri . . . . .	..	300	4,000	..	..	..	675	..	..
Kanara . . . . .	..	300	6,000	..	..	..	..	..	..
Average for the Province	360	400	6,950	102	625	1,500	1,100	2,500	1,300

(a) Rabi

(b) Kharif

APPENDIX A—continued

No. 5.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS

DISTRICT *	RICE (husked)		WHEAT		BARLEY		JAWAR	BAJRA	MAISE	GRAM	
	Irrigated	Un-irrigated	Irrigated	Un-irrigated	Irrigated	Un-irrigated	Un-irrigated	Un-irrigated	Un-irrigated	Irrigated	Un-irrigated
Almora . . . { Naini Tal . . . Almora . . . Garhwal . . . Dehra Dun . . . }	1,500	1,400	1,250	1,000	..	..	..	..	..	..	..
Moradabad . . . { Moradabad . . . Saharanpur . . . Bijnor . . . Bareilly . . . }	1,050	800	1,250	800	1,300	1,000	650	500	1,000	1,000	750
Muzaffarnagar . . . { Muzaffarnagar . . . Meerut . . . }	1,000	800	1,300	850	1,500	1,000	650	450	1,200	1,000	800
Bulandshahr . . . { Bulandshahr . . . Aligarh . . . }	1,000	700	1,300	900	1,500	1,000	650	650	1,200	1,000	800
Mainpuri . . . { Mainpuri . . . Etah . . . Etawah . . . Farukhabad . . . }	950	700	1,250	700	1,300	800	650	550	1,200	1,000	700
Muttra . . . { Muttra . . . Agra . . . }	850	550	1,200	700	1,400	750	650	650	800	1,000	700
Budaun . . . { Budaun . . . Shahjahanpur . . . }	950	750	1,250	800	1,250	1,000	650	600	1,200	1,000	800
Sitapur . . . { Sitapur . . . Hardoi . . . }	1,000	800	1,250	900	1,300	1,100	650	550	1,200	950	900
Bahraich . . . { Bahraich . . . Pilibhit . . . Kheri . . . }	1,050	900	1,300	1,000	1,300	1,100	600	550	1,300	1,000	950
Unao . . . { Unao . . . Lucknow . . . Rae Bareilly . . . }	1,000	800	1,250	650	1,400	700	650	600	1,100	1,000	900
Sultanpur . . . { Sultanpur . . . Barabanki . . . Partabgarh . . . Fyzabad . . . }	1,100	900	1,250	650	1,500	800	650	650	1,100	1,000	950
Fatehpur . . . { Fatehpur . . . Cawnpur . . . Allahabad . . . }	1,050	800	1,250	600	1,300	700	650	550	1,000	1,000	900
Benares . . . { Benares . . . Jaunpur . . . Mirzapur . . . }	1,000	700	1,100	600	1,300	800	650	600	1,000	800	650
Ballia . . . { Ballia . . . Ghazipur . . . Azamgarh . . . }	1,200	900	1,250	750	1,300	800	650	700	1,100	950	900
Basti . . . { Basti . . . Gonda . . . Gorakhpur . . . }	1,050	900	1,250	800	1,300	750	650	400	1,000	900	750
Jhansi . . . { Jhansi . . . Jalaun . . . }	800	550	1,000	650	1,000	500	550	400	650	700	550
Banda . . . { Banda . . . Hamirpur . . . }	800	700	900	550	1,000	500	550	400	650	800	750
Average for the Province . . .	1,100	850	1,250	850	1,350	900	600	550	1,100	590	800
	900		1,050		1,150					800	

*The districts are grouped into agricultural regions, and the determinations made in the representative district of each region are applied to the whole of that region

AVERAGE YIELD OF CROPS
(UNITED PROVINCES)

in each DISTRICT of the UNITED PROVINCES

PEAS*		ARHAR (<i>Cajanus Indicus</i>)	LINSEED	SESAMUM (oil or linjill)	RAPE AND MUSTARD	SUGAR- CANE (<i>gdr</i>)	COTTON (cleaned)		INDIGO (dye)	DISTRICT
Irrigated	Un- irrigated	Un- irrigated	Un- irrigated	Un- irrigated	Un- irrigated	Irrigated	Irrigated	Un- irrigated	Irrigated	
..	..	..	..	..	..	..	..	..	..	{ Naini Tal . Almora . Garhwal . Dehra Dun } } Almora
750	500	..	400	320	430	2,450	..	120	18	{ Moradabad Saharanpur Bijnor Baroni } } Moradabad
800	550	..	..	360	400	2,800	220	140	19	{ Muzaffarnagar Meerut } } Muzaffarnagar
1,000	650	..	..	350	490	2,500	230	130	19	{ Bulandshahr Aligarh } } Bulandshahr
800	550	..	..	410	..	2,200	230	160	15	{ Mainpuri Etah Etawah Farukhabad } } Mainpuri
650	400	..	..	410	..	2,000	230	150	15	{ Muttra Agra } } Muttra
650	400	..	400	320	430	2,400	..	120	18	{ Budaun Shahjahanpur } } Budaun
1,000	650	600	500	300	570	2,700	..	110	..	{ Sitapur Hardoi } } Sitapur
850	600	800	500	330	700	2,000	..	110	..	{ Bahraich Pilibit Kheri } } Bahraich
1,150	650	700	400	300	490	2,600	..	120	..	{ Unao Lucknow Rae Bareilly } } Unao
1,200	650	850	500	390	..	2,600	..	110	20	{ Sultanpur Barabanki Partabgarh Fyzabad } } Sultanpur
800	550	550	400	320	..	2,150	..	120	17	{ Fatehpur Cawnpur Allahabad } } Fatehpur
1,200	550	700	600	280	..	2,600	..	100	19	{ Benares Jaunpur Mirzapur } } Benares
1,200	650	900	650	280	660	3,200	..	100	19	{ Ballia Ghazipur Azamgarh } } Ballia
1,200	600	700	500	280	570	2,500	..	100	10	{ Basti Gonda Gorakhpur } } Basti
..	..	..	450	280	..	1,500	..	120	..	{ Jhansi Jalaun } } Jhansi
..	..	500	500	280	..	1,500	..	120	..	{ Banda Hamirpur } } Banda
1,160	800	800	500	280	600	2,800	230	130	18	Average for the Province
1,000							170			

AVERAGE YIELD OF CROPS
(BIHAR AND ORISSA)

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APPENDIX A—continued

No. 6.—AVERAGE YIELD (lb per acre) of PRINCIPAL

DISTRICT	WINTER RICE		AUTUMN RICE		SUMMER RICE		WHEAT		BARLEY		MAIZE		RAGI OR MARUA		GRAM	
	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
Patna	(a) 758 (b) 534	(a) 665 (b) 411	...	..	..	..	773	861	658	1,126	1,375	677	..	1,313	948	785
Gya	(a) 693 (b) 534	(a) 818 ..	..	..	..	..	734	577	2,082	..	..	730	..	634	597	745
Shahabad	(a) 748 (b) 531	(a) 626 (b) 304	..	(b) 579	..	..	630	464	426	836	736	639	786	860	313	617
Saran	(a) 401 (b) 544	(a) 524 (b) 511	..	(b) 622	..	..	774	702	795	592	919	1,013	..	636	401	442
Champanan	..	(a) 624 (b) 476	..	(a) 511 (b) 630	..	..	..	835	..	1,983	..	1,107	..	..	..	..
Muzaffarpur	(a) 593 ..	(a) 631 (b) 478	..	(b) 498	..	..	..	619	411	859	..	1,317	..	928	..	859
Darbhanga	(a) 843 ..	(a) 806 (b) 744	(a) 839 ..	(a) 709 (b) 719	..	..	464	653	415	757	843	1,065	822	991	..	336
Monghyr	(a) 686 ..	(a) 656 (b) 365	..	..	..	..	823	501	..	376	706	709	..	..	403	417
Bhagalpur	(a) 839 (b) 672	(a) 783 (b) 1,218	..	(a) 839 (b) 492	..	..	594	608	623	309	..	972	860	846	422	99
Purnea	(a) 1,176 (b) 1,006	(a) 652 (b) 806	..	(b) 618	..	..	..	612	..	1,975	..	..	..	..	..	..
Santbal Parganas	(a) 1,038 (b) 1,234	(a) 1,166 (b) 711	..	(a) 1,103	..	..	..	1,368	..	1,131	..	993	..	..	..	..
Cuttack	(a) 1,061 (b) 1,124	(a) 884 (b) 1,036	(a) 617 (b) 776	(b) 803	(a) 1,003	..	..	..	..	..	..	..	..	..	..	..
Jalasore	(a) 630 (b) 659	(a) 726 (b) 523	(b) 563	..	..	..	..	..	..	..	..	..	..	..	..	..
Angul	(a) 1,771 (b) 1,956	(a) 974 (b) 1,318	..	(b) 405	..	..	..	..	..	..	..	518	..	..	..	..
Puri	(b) 1,071	(b) 1,003	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sambalpur	(a) 1,528 (b) 609	(a) 929 (b) 851	(b) 509	(b) 827	..	..	..	..	..	..	..	..	..	..	..	..
Hazaribagh	(a) 1,021 (b) 1,023	(a) 919 (b) 454	..	..	..	..	743	..	..	..	..	1,195	..	601	..	..
Ranchi	(a) 277 (b) 413	(a) 936 (b) 854	..	(a) 639 (b) 736	..	(b) 541	..	568	..	..	..	..	..	935	..	..
Palamanu	(a) 652	(a) 131	..	..	..	..	..	372	451	323	..	695	..	..	..	294
Manbhurn	(a) 1,434 (b) 1,894	(a) 1,269 (b) 960	(a) 874 ..	(a) 732 (b) 665	..	(b) 591	..	..	..	..	..	1,238	..	1,311	..	521
Singhbhum	(a) 786 (b) 1,116	(a) 807 (b) 923	..	(a) 452 (b) 548	..	..	..	..	..	..	..	..	..	..	..	..
Average for the province	(a) 890 (b) 929	(a) 778 (b) 723	(a) 777 (b) 638	(a) 779 (b) 627	(a) 1,003	(b) 566	629	672	733	933	1,016	919	823	905	514	512

NOTE.—The provincial average is the sum of the district averages divided by the number of districts. The standards adopted for the province are stated in table No. 1 (vide also footnote to that table)

CROPS in each DISTRICT of BIHAR and ORISSA

ARHAR (<i>Cajanus Indicus</i>)		PEAS		MASUR		RAPE AND MUSTARD		LINSEED		POTATO		SUGARCANE (qtr)		JUTE		DISTRICT
Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	
453	781	578	724	427	1,207	582	..	144	313	..	..	2,088	..	..	..	Patna
..	..	..	..	274	..	..	..	240	158	..	..	1,617	..	..	..	Gya
..	..	..	..	..	..	..	..	20	15	..	..	..	..	..	..	Shahabad
..	..	..	..	..	..	..	..	..	50	..	..	..	..	..	..	Saran
..	..	..	..	..	..	..	..	..	..	..	..	..	1,557	..	887	Champanan
..	963	..	..	..	..	405	481	..	180	15,631	8,825	..	..	..	1,028	Muzaffarpur
..	764	..	..	..	220	..	..	..	..	..	..	..	..	..	..	Darbhanga
..	..	..	905	..	..	..	..	..	..	..	..	..	..	..	..	Monghyr
..	..	..	..	..	..	..	1,390	..	..	..	..	851	..	..	711	Bhagalpur
..	..	..	..	..	..	..	801	..	..	..	1,809	..	..	432	783	Purnea
..	..	..	..	..	..	..	802	..	..	..	..	4,043	..	..	553	Santhal Pargana
..	..	..	..	..	..	..	..	..	..	..	..	..	..	804	983	Cuttack
..	..	..	..	..	..	..	..	..	..	..	..	..	..	845	1,150	Balsore
..	..	..	..	..	..	..	477	..	..	..	..	1,872	1,728	..	..	Angul
..	..	..	..	..	..	..	..	..	..	..	..	1,221	..	..	..	Puri
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Sambalpur
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Hazaribagh
..	..	..	..	..	..	..	225	..	..	..	..	..	..	..	..	Banchi
..	..	..	..	..	..	..	514	..	..	..	..	..	..	..	..	Palamau
..	787	..	..	..	..	401	285	..	..	..	..	1,335	..	..	..	Manbhum
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Singhbhum
453	824	578	815	350	717	463	622	138	145	15,631	5,362	1,811	1,643	604	872	Average for the Province

AVERAGE YIELD OF CROPS
(PUNJAB)

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APPENDIX A—continued

No. 7.—AVERAGE YIELD (lb per acre) of PRINCIPAL

DISTRICT	RICE (HUSKED)		WHEAT		BARLEY		JAWAR		BAJRA	
	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
Hissar	598	598	1,000	480	1,100	700	480	420	460	450
Rohtak	650	...	1,180	600	1,200	860	800	520	470	420
Gurgaon . . . . .	...	...	1,040	570	1,340	650	600	440	520	340
Karnal	598	370	1,070	560	1,030	560	520	420	500	330
Ambala	715	468	1,060	720	1,000	560	520	420	520	360
Simla . . . . .	...	...	600	560	...	...	...	...	...	...
Kangra	754	533	600	600	600	600	...	...	...	...
Hoshiarpur	975	585	900	750	1,000	750	...	...	530	350
Jullundur	715	533	1,200	720	1,100	800	500	420	410	330
Ludhiana	650	390	1,160	550	1,160	520	570	530	400	370
Zerozpur	650	390	960	600	1,060	640	520	420	480	400
Multan	845	...	900	600	900	560	600	420	600	420
Jhang . . . . .	...	...	900	600	850	600	560	460	560	420
Mianwali . . . . .	...	...	700	480	900	580	500	420	480	420
Lyalpur	780	...	1,040	480	1,000	...	600	...	580	...
Montgomery	780	748	960	600	900	620	500	420	500	400
Lahore	975	410	960	600	1,200	620	650	420	570	350
Amritsar	1,170	546	1,200	750	1,000	620	...	420	...	...
Gurdaspur	1,066	637	1,050	720	1,000	680	580	510	650	510
Sialkot	1,040	780	960	600	1,000	700	...	420	600	500
Gujrat	858	748	900	700	1,000	700	540	480	680	500
Gujranwala	1,105	780	960	560	1,000	560	500	420	480	340
Shahpur	650	533	960	640	1,040	720	500	420	800	500
Jhalum . . . . .	...	533	860	500	1,000	620	...	...	780	440
Rawalpindi	650	...	710	560	1,000	700	...	420	710	400
Attock . . . . .	...	...	770	520	1,000	560	...	420	800	350
Dera Ghazi Khan	520	507	700	500	750	540	450	420	420	400
Muzaffargarh	650	520	700	500	720	520	500	420	450	330
Average for the Province	881	515	904	606	1,058	679	541	449	568	416
	782		791		809		470		429	

CROPS in each DISTRICT of the PUNJAB

MAIZE		GRAM		RAPSEED		SUGARCANE (GUR)		COTTON (CLEANED)		DISTRICT
Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	
...	...	700	700	420	400	...	...	150	90	Hissar
...	...	820	570	500	440	2,650	1,740	180	110	Rohtak
...	...	900	610	600	370	1,720	930	140	120	Gurgaon
1,120	640	980	540	560	360	2,140	1,250	175	96	Karnal
1,120	800	980	640	560	500	2,140	1,840	150	130	Ambala
...	...	...	...	...	...	...	...	...	...	Simla
800	800	...	400	360	240	...	620	64	50	Kangra
1,400	900	820	600	480	360	2,000	1,500	180	100	Hoshiarpur
1,700	900	900	720	500	330	2,500	1,600	240	132	Jullundur
1,560	720	900	500	730	430	2,000	1,400	166	82	Ludhiana
1,400	600	700	500	500	400	...	...	120	84	Ferozpur
900	...	480	420	270	210	1,430	...	100	66	Multan
900	580	500	500	480	240	...	...	133	77	Jhang
...	...	480	430	330	330	...	...	78	72	Mianwali
1,280	...	900	600	640	240	1,760	...	175	...	Lyallpur
900	560	650	520	480	400	...	...	160	70	Montgomery
1,120	600	680	560	500	350	1,700	1,000	132	72	Lahore
1,140	700	740	670	720	560	2,200	1,150	170	90	Amritsar
1,230	900	820	820	630	350	2,400	1,640	150	100	Gurdaspur
1,020	720	600	600	500	320	2,000	1,400	135	96	Sialkot
1,000	750	600	600	480	320	1,300	...	144	100	Gujrat
900	600	620	620	480	350	1,280	1,070	102	80	Gujranwala
960	750	660	660	560	400	1,600	...	145	74	Shahpur
1,040	820	830	570	420	280	...	...	146	61	Jhelum
1,300	1,000	...	510	400	360	...	...	116	100	Rawalpindi
1,440	580	550	550	480	240	780	...	100	68	Attock
...	...	440	440	240	200	...	...	100	62	Dera Ghazi Khan
...	...	420	420	270	200	1,200	...	80	52	Muzaffargarh
1,324	822	725	588	540	339	2,038	1,520	143	104	Average for the Province
1,040		615		429		1,933		135		

AVERAGE YIELD OF CROPS
(UPPER BURMA)

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APPENDIX A—continued

No. 8.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of UPPER BURMA

DISTRICT	RICE		WHEAT	JAWAR	GRAM	SESAMUM (TIL OR JNJILI)	COTTON (OLHANNED)	BEANS	
	Irrigated	Unirri- gated	Unirri- gated	Unirri- gated	Unirri- gated	Unirri- gated	Unirri- gated	Pegyí*	Pegyá†
Mandalay	1,240	950	450	...	500	250	...	700	...
	1,072					205		820	820
Bhamo	1,072		...	...	...	...	...	...	...
Shwabo	1,230	820	450	...	...	250	45	700	850
	1,005					293	134	555	1,074
Myitkyina	1,300	1,100	...	...	...	...	...	...	...
	1,072								
Sagaing	730	600	450	250	450	150	70	650	850
	938		545	501		210	102	800	1,000
Katha	1,250	1,050	...	...	...	...	...	...	...
	1,206								
Lower Chindwin	800	650	...	400	...	200	...	...	...
	737		553	496		191	84	895	865
Ruby Mines	804		...	...	...	...	...	...	...
Upper Chindwin . . . . .	...	1,100	...	...	...	...	...	...	...
	1,139								
Pakokku	1,130	790	...	350	650	150	...	450	...
	871			500		250		600	900
Thayetmyo	1,250	1,000	...	...	...	300	75	...	...
	1,005					256	61		
Minbu	1,450	990	...	450	900	350	...	...	1,000
	1,306		768	460		272		763	1,152
Magwe	990	770	...	350	...	250	...	...	...
	938			410		201	60	504	
Kyaukse	1,250	...	450	...	450	180	...	...	...
	1,273		460	414		260		768	
Meiktila	700	450	...	300	...	180	70	...	...
	938			365		220	84	704	413
Yamethin	1,100	850	...	300	450	250	65	500	...
	1,005					284	72	720	341
Myingyan	680	550	...	200	...	150	65	...	...
	804			503		198	79	735	690
Average for the Province	1,200	800	450	325	500	200	70	(a)600	850
	1,034		545	448		(a)225	(a) 84	(a)732	746

The estimates of yield given in crop reports of Burma are based on these normal outturns

* *Dolichos lablab*

† *Phaseolus lunatus*

(a) Average for Upper and Lower Burma

NOTE.—The figures in italics represent the normal outturns of crops reported in the Season and Crop Report of Burma for 1916-17

APPENDIX A—continued

No. 9.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of LOWER BURMA

DISTRICT	RISE	SESAMUM (TIL OR JINJILI)	COTTON (CLEANED)	BEANS (Pegyi)*
	Unirrigated	Unirrigated	Unirrigated	Unirrigated
Akyab	{ 1,130 1,072	...	...	...
Kyaukpyn	{ 810 1,005	...	...	...
Hanthawaddy	{ 1,100 938	...	...	...
Sandoway	{ 1,050 1,005	...	...	...
Pegu	{ 1,110 1,139	612	...	...
Tharawadi	{ 1,300 1,206	322	...	375 360
Prome	{ 1,130 1,006	798	70	584
Maubin	{ 1,420 1,206	...	...	...
Pyapon	{ 1,220 1,206	...	...	...
Bassein	{ 1,050 1,139	...	...	...
Henzada	{ 1,330 1,273	...	...	400 534
Maungmya	{ 1,250 1,172	...	...	...
Amherst	{ 1,000 971	...	...	...
Tavoy	{ 960 904	...	...	...
Mergui	{ 1,010 904	...	...	...
Toungoo	{ 1,350 1,038	640	...	...
Thaton	{ 1,030 904	...	...	...
Insein	{ 1,010 1,006	...	...	...
Northern Arakan	{ ... 804	...	...	...
Rangoon Town	{ ... 938	...	...	...
Salween	{ ... 804	...	...	...
Average for the Province	{ 1,140 1,083	...	...	...

NOTE.—The figures in italics represent the normal outturns of crops reported in the Season and Crop Report of Burma for 1916-17.

* Dolichos lablab

AVERAGE YIELD OF CROPS
CENTRAL PROVINCES AND BERAR)

APPENDIX A—continued

No. 10.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the CENTRAL PROVINCES and BERAR

DISTRICT	RICE (HURKED)		WHEAT		JAWAR		GRAM		LINSBED	TIL OR JINJILI (SEBAMUM)	SUGARCANE (GUR)		COTTON (CLEANED)
	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated			Irrigated	Unirrigated	
Saugor . . . . .	..	(b)560	1,000	800	..	..	..	..	280	150	1,500	1,000	56
Damoh . . . . .	..	(b)495	..	800	580	..	500	..	200	150	1,500	1,000	55
Jubbulpore . . . . .	..	{ (a)820 (b)495 }	..	820	580	450	480	580	250	150	1,500	1,000	60
Mandla . . . . .	..	{ (a)850 (b)525 }	..	800	..	350	..	580	200	150	1,500	..	56
Beoni	{ (a)990 (b)930 }	{ (a)650 (b)545 }	..	820	..	450	..	580	250	150	1,500	..	55
Narsinghpur . . . . .	..	(b)435	..	680	..	450	..	580	280	200	1,500	1,000	70
Hoshangabad . . . . .	..	(b)435	..	820	..	450	..	520	250	250	1,500	1,000	70
Nimar . . . . .	..	(b)820	1,000	640	..	600	..	500	200	250	3,500	..	85
Betul . . . . .	..	(b)435	1,000	820	..	500	..	500	200	180	3,500	..	70
Ohhiodwara . . . . .	..	(b)435	1,000	800	..	600	..	500	220	180	3,500	..	90
Wardha . . . . .	..	(b)435	1,000	580	..	700	..	580	300	300	3,000	..	90
Nagpur	{ (a)990 (b)930 }	{ (a)650 (b)558 }	1,000	580	..	600	..	580	280	300	3,000	..	99
Chanda	{ (a)990 (b)930 }	{ (a)650 (b)558 }	..	600	..	650	..	550	250	300	3,500	..	80
Bhandara	{ (a)990 (b)837 }	{ (a)650 (b)558 }	..	450	..	450	..	480	200	300	1,500	..	45
Balaghat	{ (a)990 (b)837 }	{ (a)650 (b)558 }	..	550	..	350	..	550	200	300	1,500	..	45
Baipur	{ (a)990 (b)930 }	{ (a)620 (b)570 }	..	600	..	350	..	450	180	150	3,000	1,000	45
Bilaspur	{ (a)990 (b)930 }	{ (a)620 (b)570 }	..	600	..	350	..	450	180	150	2,500	1,000	45
Drug	{ (a)990 (b)930 }	{ (a)620 (b)570 }	..	600	..	350	..	450	180	150	1,500	1,000	45
Average for the Central Provinces	626		602		..	605	..	530	214	208	2,522		85
Akola . . . . .	..	(b)435	..	580	..	700	..	550	330	300	3,000	..	90
Amraoti . . . . .	..	(b)435	..	580	..	700	..	550	330	300	3,000	..	90
Buldana . . . . .	..	(b)435	1,000	580	..	700	..	550	330	300	3,000	..	85
Yeotmal . . . . .	..	(b)435	..	580	..	700	..	550	330	300	3,000	..	80
Average for Berar	435		580		..	700	..	550	330	300	3,000		87
Average for the Central Provinces and Berar	624		600		..	604	..	532	226	224	2,569		86

(a) Transplanted

(b) Broadcast

APPENDIX A—continued

No. 11.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of ASSAM

DISTRICT	RICE			Mati- kakai (<i>Pharosolus radiatus</i>)	Rape and Mustard	Linseed	Maize	Sugar- cane (gur)	Cotton (cleaned)	Jute	Potato
	Winter rice	Autumn rice	Spring rice								
Sylhet	896	672	1,008	...	448	448	...	2,240	100	...	..
Cachar (plains)	(a) 672 (b) 1,008 (c) 1,008	672	...	...	448	...	...	2,240	...	...	...
Goalpara	(a) 672 (b) 1,232 (c) 1,120	728	...	...	560	...	...	1,568	...	...	...
Kamrup	(a) 672 (b) 896 (c) 840	672	...	...	504	...	...	1,568	...	...	...
Garó Hills (plains)	(a) 672 (b) 1,232 (c) 1,176	728	...	...	448	...	...	...	...	...	...
Darrang	(a) 672 (b) 1,120 (c) 1,008	840	...	...	504	...	...	1,568	...	...	...
Nowgong	(a) 896 (b) 1,120 (c) 1,008	672	...	...	504	...	...	1,568	100	...	...
Sibsagar	(a) 672 (b) 896 (c) 896	672	...	...	560	...	...	2,240	...	...	...
Lakhimpur	(a) 672 (b) 1,008 (c) 1,008	672	...	...	560	...	...	2,240	...	...	...
Average for the plains districts	952	706	1,008	448	504	448	...	2,016	100	1,320	...
Khasi and Jaintia Hills	784	672	...	...	...	...	2,128	...	160	...	3,136
Lushai Hills	1,232	...	...	...	...	...	...	...	100	...	...
North Cachar Hills	896	...	...	...	...	...	...	...	...	...	...
Garó Hills (hills) . . . . .	...	672	...	...	...	...	...	...	200	...	...
Average for the hills districts	1,120	672	...	...	...	...	2,128	...	170	...	3,136
Average for the Province	952	706	1,008	448	504	448	2,128	2,016	153	1,320	3,136

(a) Broadcast

(b) Transplanted

(c) Both

No. 12.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the NORTH-WEST FRONTIER PROVINCE

DISTRICT	RICE (HUSKED)	WHEAT		BARLEY		JAWAR	BAJRA		MAIZE		GRAM		RAPESEED		SUGAR-CANE (GUR)	COTTON (CLEANED)	
	Irrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Irrigated	Unirrigated
Haara	1,234	741	473	782	535	..	404	329	1,316	741	..	..	432	329	1,975	92	57
Peshawar	1,162	977	669	1,230	900	309	..	..	2,119	..	..	..	681	492	2,841	200	..
Kohat . . . . .	..	828	494	823	535	..	1,020	507	1,020	617	453	453	329	247	..	108	57
Bannu . . . . .	..	741	514	700	453	..	617	412	864	..	741	412	412	288	1,975	113	57
Dera Ismail Khan . . . . .	..	1,087	736	1,169	807	..	735	623	..	..	..	602	..	457	..	..	144
Average for the Province	1,208	914	588	1,141	746	309	784	540	1,770	735	726	488	622	435	9,660	191	174
		676		907			652		1,276		489		450			164	

AVERAGE YIELD OF CROPS
(SIND, AJMER-MERWARA AND DELHI)

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APPENDIX A—continued

No. 13.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of SIND

DISTRICT	RICE		WHEAT		BARLEY	JAWAR	BAJRA	GRAM	SESAMUM (TIL OR JINJILI)	RAPESEED		JAMBHO (Bruca sativa)	SUGAR- CANE (gur)*	COTTON (CLEANED) (a)	POTATO
	Irrig- ated		Irrig- ated	Unirri- gated	Unirri- gated	Irrig- ated	Irrig- ated	Unirri- gated	Irrig- ated	Irrig- ated	Unirri- gated	Unirri- gated	Irrig- ated	Irrig- ated	Irrig- ated
Karachi	{ (b)1,439 (c)1,031 }	..	..	..	1,270	1,222	..	246	..	..	..	..	4,285	..	11,200
Hyderabad	1,280	482	417	..	..	1,120	..	..	165	271	227	..	12,000	132	..
Sukkur	1,101	850	605	..	..	769	598	526	..	509	..	..	..	..	..
Larkana	1,879	{ (d)2,538 1,611 }	{ (e)1,148 (f) 309 }	..	..	..	..	..	..	..	..	761	..	..	..
Upper Sind Frontier	1,200	(d)1,054	(f)1,000	..	..	800	720	1,040	320	400	..	486	..	..	..
Thar and Parkar	1,320	1,528	..	..	..	..	402	..	..	..	..	..	..	241	..
Nawabshah	{ 1,280 (g)800 (d)1,120 }	{ (e)800 (f)800 }	..	..	..	1,120	650	..	..	..	532	532	..	152	..
Average for the Province	1,316	1,506	874	1,279	866	624	604	242	303	379	513	8,142	170	11,200	

* The provincial average is the sum of the district averages divided by the number of districts
(a) The yield reported in uncleaned cotton has been reduced by 67 per cent to allow for the removal of the seed
(b) Transplanted (c) Broadcast (d) Well (e) Saliabi (f) Bost (g) Flaw

No. 14.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in AJMER MERWARA

DISTRICT	BARLEY	JAWAR	MAIZE			COTTON (CLEANED) (a)		
	Irrigated	Unirrigated	Irrigated	Unirrigated	Both	Irrigated	Unirrigated	Both
Ajmer-Merwara	1,086	322	998	827	934	324	93	291

(a) The yield reported in uncleaned cotton has been reduced by 66½ per cent to allow for the removal of seed

No. 15.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in DELHI

DISTRICT	WHEAT		BARLEY		JAWAR	BAJRA	MAIZE	GRAM	SUGARCANE (gur)		COTTON (CLEANED)		RAPESEED	
	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Unirri- gated	Unirri- gated	Irrig- ated and Unirri- gated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated	Irrig- ated	Unirri- gated
Delhi	1,148	656	960	870	400	360	840	550	2,000	1,440	120	70	400	280

APPENDIX A—concluded

No. 16.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in COORG

DISTRICT	RICE (HUSKED)	RICE STRAW (BYE-PRODUCT)
	Unirrigated	Unirrigated
Coorg	1,425	2,345

No. 17.—AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the MYSORE STATE

DISTRICT	RICE (HUSKED)	RAGI	HORSE GRAM (<i>Dolichos biflorus</i>)	SESAMUM (TIL OR JINJILI)	SUGARCANE (gur)	{COTTON (CLEANED)
	Irrigated	Unirrigated	Unirrigated	Unirrigated	Irrigated	Unirrigated
Bangalore	488	799	360	410	2,199	...
Kolar	1,081	680	317	136	...	...
Tumkur	729	710	287	...	1,773	27
Mysore	2,739	670	466	248	2,623	53
Hassan	983	773	415	225	2,175	...
Shimoga	876	607	487	228	1,315	68
Kadur	1,071	885	762	391	1,684	...
Chitaldrug	517	841	242	206	1,414	133
Average for the State	1,185	728	386	252	2,559	122

APPENDIX B

STATEMENT OF CHANGES IN DISTRICT AND PROVINCIAL BOUNDARIES

PROVINCE	District from which transferred	AREA TRANSFERRED, AND LAND REVENUE THEREOF		District and province to which transferred	Number and date of notification of transfer	
		Area in acres				Land Revenue ₹
		Cultivated	Total			
EXTERNAL TRANSFERS						
1911-12						
Eastern Bengal and Assam	Rajshahi	924,300	1,659,520	10,28,024	Bengal	Government of India, Home Department, No. 290, dated 22nd March 1912
	Dinajpur	1,415,800	2,525,440	15,22,042		
	Jalpaiguri	967,300	1,893,737	8,10,213		
	Rangpur	1,510,400	2,226,511	10,16,878		
	Bogra	469,900	869,760	4,95,717		
	Pabna	774,200	1,179,888	4,22,879		
	Dacca	1,255,800	1,780,480	5,37,029		
	Mymensingh	2,517,300	4,062,352	8,70,016		
	Faridpur	895,000	1,459,840	6,28,049		
	Bakarganj	1,670,200	2,389,436	17,38,354		
	Tipperra	1,123,400	1,599,360	11,02,205		
	Noakhali	1,015,200	1,052,084	7,07,471		
	Chittagong	332,900	1,594,892	11,94,902		
	Malda	775,800	1,212,801	4,38,376		
	Chittagong Hill tracts.	85,100	3,288,320	55,715		
Hill Tippera State	(a)	2,615,040	(a)			
Bengal	Patna	1,118,000	1,328,000	17,46,462	Bihar and Orissa	Government of India, Home Department, No. 289, dated 22nd March 1912
	Gaya	1,922,900	3,015,680	14,82,097		
	Shahabad	1,466,100	2,800,948	17,97,948		
	Darbhanga	1,561,700	2,142,690	7,93,280		
	Muzaffarpur	1,430,000	1,942,400	9,84,095		
	Saran	1,236,100	1,711,286	12,73,712		
	Champanan	1,322,700	2,259,840	5,16,060		
	Monghyr	1,043,100	2,510,080	9,61,170		
	Bhagalpur	1,655,900	2,663,319	6,58,180		
	Purnea	2,164,600	3,196,153	11,86,381		
	Santhal Parganas	1,637,400	3,466,100	4,76,300		
	Cuttack	1,229,700	2,340,307	12,54,476		
	Balasore	894,200	1,332,621	6,80,272		
	Angul	243,800	1,089,280	1,24,677		
	Puri	750,100	1,593,360	7,07,046		
	Sambalpur	909,100	2,447,360	2,03,729		
	Hazaribagh	1,659,500	4,493,440	1,63,161		
	Ranchi	2,187,500	4,544,832	3,13,833		
Palamau	672,900	3,144,960	1,39,564			
Manbhum	1,497,600	2,654,080	83,886			
Singbhum	853,400	2,490,240	1,46,365			
Feudatory and Tributary States in Orissa and Chota Nagpur	(a)	18,334,720	(a)			
1912-13						
United Provinces	Ballia	45	46	41	Shahabad, Bihar and Orissa.	Government of Bihar and Orissa, No. 1996 R.A., dated 18th July 1914
1913-14						
Bihar and Orissa	Saran	51	51	15	United Provinces	No. 4701 R. (A).—11 J.-13, dated 7th October 1912
Upper Burma	Yamethin	...	1,664	...	Southern Shan State.	No. 60, dated 23rd March 1914
1914-15						
Upper Burma	Myitkyina	622,592	622,592	...	Putao Estate	No. 16, dated 29th July 1914
Delhi	—	14,703	29,447	18,247	Meerut, United Provinces	No. 984-C., dated 22nd February 1915
1916-17						
Bihar and Orissa	Saran	5,364	5,364	843	Ballia, United Provinces	Board's No. 18-6-2, dated 29th January 1917 and Government's No. 4701-R.(A).—1-11 J.-13, dated 7th October 1912
North-West Frontier Province	—	26	68	4	Punjab	No. 102-F., dated 22nd February 1917
INTERNAL TRANSFERS						
1911-12						
Bengal (b)	Bakarganj	4,815	5,987	7,359	Faridpur	No. 662 B. D., dated 25th March 1912
	Montgomery	4,218	12,106	11,193	Noakhali	
Punjab	—	14	2,564	59	Lyallpur	No. 123, dated 30th January 1913
Siud	Hyderabad	...	99	...	Thar and Parkar	No. 7496, dated 8th August 1911
Central Provinces	Mandla	...	3,165	...	Balaghat	No. 3186, dated 31st May 1904

(a) No information (b) Not given effect to in 1911-12
NOTE.—This statement is explanatory of the variations in the areas shown in Table I

APPENDIX B—continued

STATEMENT OF CHANGES IN DISTRICT AND PROVINCIAL BOUNDARIES—continued

PROVINCE	District from which transferred	AREA TRANSFERRED AND LAND REVENUE THEREOF			District to which transferred	Number and date of notification of transfer
		Area in acres		Land Revenue ₹		
		Cultivated	Total			
INTERNAL TRANSFERS—continued						
1912-13						
Lower Burma	Pegu	121,172	449,920	3,05,944	Insein	No. 63, dated 17th February 1912
	Hanthawaddy	393,729	737,638	10,85,006	Rohtak		No. 2944-S., dated 1st October 1912
Punjab	Delhi (old)	201,139	287,349	4,19,836	Gurgaon	No. 429, dated 10th May 1913
	Ludhiana	122,146	178,833	2,21,187	Malerkotla State	
	Malerkotla State	40	75	71	Ludhiana	No. 660, dated 15th July 1912, and No. 224, dated 11th March 1913
	Montgomery	73	78	71	Lahore	
			1,005	5,958	090	
		39,726	115,513	42,059	Lyalpur	No. 222 and 223, dated 11th March 1913
Bombay	Belgaum	1,252	1,311	1,093	Dharwar	No. 10953, dated 29th November 1912
Sind	Hyderabad	42,293	143,899	14,387	Thar and Parkar	No. 9707, dated 19th October 1912
	Thar and Parkar	79,982	304,427	2,51,573	Nawabshah	
Berar	Hyderabad	4,096	2,178,459	38,49,639	Baldana	No. 440, dated 29th August 1912
	Amraoti	180	1,267	170	Akola	
		180	18,785	8,089		
1913-14						
Bengal	Mymensingh	369	407	(a)	Dacca	No. 25599, dated 7th March 1914
	Khulna	2,499	3,080	(b)	Faridpur	No. 2275, dated 18th November 1913 and No. 3606, dated 23th March 1914
Madras	Jessore	5,101	10,747	(b)	North Arcot	Ditto Ditto
	Chittoor	473	22,285	627	Palamau	No. 556, dated 5th December 1913
Bihar and Orissa	Ranchi	1,436	1,436	...		No. 6248-R.-11 J.-16, dated 11th September 1913
	Shahpur	1,901	3,550	3,140	Gujrat	No. 195, dated 10th February 1914
Punjab	Lyalpur	24,096	56,929	12,544	Attock	No. 136, dated 11th February 1913
	Yamethin	(a)	71,872	(a)	Jhang	No. 578, dated 9th September 1913
Upper Burma	Meiktila	282	4,992	367	Meiktila	No. 59, dated 23rd March 1914
	Akola	3,544	9,093	1,164	Kyaukse	No. 162, dated 19th May 1913
Berar	Sibsagar	(a)	29,027	...	Yeotmal	No. 997, dated 21st June 1913
Assam	Ajmer	68,795	572,001	(a)	Naga Hills	No. 6253, dated 18th November 1913
Ajmer-Merwara					Kekri	No. 576-C., dated 21st March 1914
1914-15						
Madras	Ramnad	8,101	9,620	16,083	Madura	No. 80-Revenue, dated 17th February 1915
	Madura	16,674	19,898	34,116	Ramnad	No. 81-Revenue, dated 17th February 1915
Sind	Larkana	130	649	974	Nawabshah	No. 3065, dated 8th September 1914
Punjab	Lyalpur	257	511	214	Montgomery	No. 203, dated 20th March 1915
Upper Burma	Myingyan	443	1,318	1,175	Pakokku	No. 172-5 L.—5, dated 10th February 1915
Lower Burma	Heazada	217	217	418	Tharrawaddy	Rectification of a survey error
Central Provinces	Nagpur	2,817	4,154	1,719	Wardha	No. 1139, dated 16th May 1914
Assam	Lakhimpur	(a)	95,430	...	North-East Frontier	No. 5449-P., dated 12th October 1914
1915-16						
Assam	Khasi and Jaintia Hills	...	3,520	...	Kamrup	No. 4144-R., dated 9th September 1915
Madras	Trichinopoly	...	1,708	...	Madura	No. 10-Revenue, dated 27th December 1915
	Chittoor	...	280	...	Anantapur	No. 23-Revenue, dated 8th January 1916
Punjab	Amritsar	54	468	60	Sialkot	No. 505, dated 30th July 1915
	Sialkot	630	1,140	960	Amritsar	No. 504, dated 30th July 1915
	Multan	9,942	107,368	13,207	Montgomery	No. 453, dated 30th June 1915

(a) Not available.

(b) Revenue not affected.

APPENDIX B—concluded

STATEMENT OF CHANGES IN DISTRICT AND PROVINCIAL BOUNDARIES—concluded

PROVINCE	District from which transferred	AREA TRANSFERRED AND LAND REVENUE THEREOF			District to which transferred	Number and date of notification of transfer
		Area in acres		Land Revenue		
		Cultivated	Total	Rs		

INTERNAL TRANSFERS—concluded

Year	Province	From District	Cultivated Area (Acres)	Total Area (Acres)	Land Revenue (Rs)	To District	Notification No. and Date
1916-17	Bengal	Pabna	118	120	21	Rajshahi	No. 988 T.-R., dated 2nd June 1916
		Mymensingh	...	7,587	6,009	Dacca	Nos. 8954 and 8955 Jur., dated 13th November 1916
		Chittagong Hill Tracts	...	25,118	(a)	Hill Tippera State	No. 1946-D., dated 14th July 1916
	Madras	Anantapur	...	(b)1,164	...	Cuddapah	No. 115 Revenue, dated 3rd March 1916
		Cuddapah	...	(b)3,814	...	Anantapur	No. 114 Revenue, dated 3rd March 1916
Sind	Sukkur	...	(c)75	...	U. S. Frontier	No. 1061, dated 20th April 1917 No. 1543, dated 1st June 1917	
Punjab	Lyallpur	3	98	7	Jhang	No. 10844, dated 28th April 1917	
Upper Burma	Myingyan Meiktila	85,125	232,550	44,196	Magwe	Nos. 136 and 137, dated 22nd June 1916	
Lower Burma	Bassein	...	416	...	Henzada	No. 320, dated 21st December 1916	
Central Provinces	Balaghat	1,068	7,203	1,030	Seoni	No. 1239, dated 22nd July 1916	
1917-18	Bengal	Murshidabad	(d)	1,378	(d)	Malda	No. 8607-P., dated 11th June 1917
	Madras	Trichinopoly	199,594	392,081	334,008	Salem	No. 64-Revenue, dated 14th February 1918, "Fort St. George Gazette"
	Bihar and Orissa	Palamau	1	177	..	Ranchi, Chota Nagpur Division	No. 1312-R.—11 J.—6, dated 2nd March 1918.
	Punjab	Shahpur	285	1,058	508	Gujrat	No. 3419-R., dated 13th February 1918
	Lower Burma	Ma-ubin, Irrawaddy Division	393	2,321	1,123	Myaungmya, Irrawaddy Division	No. 53, dated 28th March 1918
Central Provinces and Berar	Bhandara, Nagpur Division	117,035	220,899	1,02,910	Balaghat	No. 174—214-H., dated the 23rd August 1917.	
1918-19	Madras	South Arcot	...	203	...	Chingleput	No. 51, Revenue, dated the 4th February 1919. "Fort St. George Gazette."
	Upper Burma	Minbu	2,118	6,239	4,969	Magwe	No. 104, dated the 10th June 1918.
	Lower Burma	Thaon	441,913	53,228	1,09,309	Pegu	No. 207, dated the 20th September 1918.

(a) There is no proper cultivation in the area, hence there is no land revenue.
 (b) The area represent reserved forests, hence no revenue.
 (c) The land transferred is chiefly occupied by P. W. Dept. Inspection bungalow, etc., and does not bring any revenue.
 (d) Not available.

APPENDIX C

VERNACULAR TERMS USED IN VOLUME I OF AGRICULTURAL
STATISTICS OF INDIA

- Agasi, agati, or avati (Sesbania grandiflora)*—A vegetable crop.
- Ajmod (Carum Roxburghianum)*—A kind of spice.
- Ajwan (Carum copticum)*—A kind of spice, "Bishop's weed."
- Akurkura or jevandi (Chrysanthemum coronarium)*—A non-food crop.
- Amada or mamidi allam (Curcuma amada)*—A condiment.
- Ampazham (spondius magnifera)*—The hog plum.
- Arhar (Cajanus indicus)*—The pigeon pea.
- Arunelli (Phyllanthus distichus)*—Country star gooseberry.
- Bajra (Pennisetum typhoideum)*—The spiked millet.
- Band (Coorg)*—Forest land granted for the service of the holding of rice-fields to which it is allotted, to be held free of revenue for grazing, leaf manure, firewood, and for timber required for the farm.
- Barbati (Vigna catjang)*—Asparagus, a food grain.
- Barti (see Wudalu).*
- Bel (Egle Marmelos)*—A fruit.
- Bhagdari (see Narvadari).*
- Bilimbi (Averrhoa Bilimbi)*—A fruit.
- Bimb (Cephalandra indica)*—A fruit.
- Chaplash (Artocarpus Chaplasha)*—A tree grown mainly for timber.
- Chayroot (Oldenlandia umbellata)*—A dye.
- Cheena (Panicum miliaceum)*—The common millet.
- Chaik (Coiz lachryma-jobi)*—A food grain, "Job's Tear."
- Chikkudukayalu (Dolichos lablab)*—The Indian or popat bean.
- Cholam (see jawar).*
- Cholanathu (Andropogon sorghum)*—Fodder jawar.
- Chowli (see Barbati).*
- Cumbu (see Bajra).*
- Dani (Nipa fruticans)*—A soboliferous palm, the leaves of which are used for thatching purposes, also for matting.
- Dhaincha (Sesbania aculeata)*—A plant cultivated mainly for green manure.
- Dhatara (Datura alba)*—A drug.
- Dividivi (Cesalpinia coriara)*—A tanning material.
- Gajar*—Carrot.
- Garmal (Coleus barbatus)*—A fruit.
- Gondli (see Kutki).*
- Goraist (United Provinces)*—Village watchman.
- Henna (Lawsonia alba)*—A dye.
- Inám (Madras)*—Alienated villages or lands granted rent-free. *Whole inám villages* are entire villages held on such tenure; *minor ináms* are portions of villages, generally a number of fields, held on *inám* tenure.
- (Coorg)*—A grant of land by Government as a reward for services rendered or for religious or charitable purposes.
- Isfagul (Plantago ovata)*—A drug.
- Istamári (Punjab, Ajmer-Merwara)*—A tenure which, though the revenue is assigned is charged with a permanently fixed quit-rent.
- Isáfat (Bombay)*—A form of service tenure.
- Isára (Berar)*—Land leased under the waste-land rules on stipulated terms.
- Jagír (Berar)*—Alienated villages or lands granted as rewards for service either rent-free or on payment of a quit-rent; such lands are hereditary.
- (Ajmer-Merwara)*—Land granted revenue-free on condition of military service or as a charitable endowment.
- (Bombay)*—Estates held hereditarily or for one or more generations on political considerations, no condition of service being attached to them.
- (Coorg)*—Lands granted rent-free (1) to individuals on account of services rendered to the State by themselves or their ancestors, and (2) to some religious institutions.
- Jambo or naval*—Black plum.
- Jamma (Coorg)*—A tenure under which lands are held on half the ordinary assessment on condition that the holders should perform certain services to Government if required, such as escorting Government treasure and rendering assistance to revenue officers on tour. These lands are inalienable without special sanction.

APPENDIX C—continued

VERNACULAR TERMS USED IN VOLUME I OF AGRICULTURAL
STATISTICS OF INDIA—continued

- Jawar* (*Sorghum vulgare*)—The great millet.
- Jenugulu*—Asparagus.
- Jinjili* (*Sesamum indicum*)—An oilseed.
- Jira*—Caraway.
- Jodi* (Madras)—Portion of the assessment reserved or left unalienated when lands were originally granted on favourable assessment. It is distinguished from quit-rent, which represents an additional charge (generally a certain proportion—one-eighth, one-fourth, one-half, or five-eighths—of the full assessment, *minus* the *jodi*) imposed when the tenures were enfranchised or converted into free-holds.
- Kalpayaru*—Kidney bean.
- Kangni* (*Panicum Italicum*)—Italian millet.
- Kamranga* (*Averrhoa Carambola*)—A fruit.
- Kanda* (*Dracontium*)—A vegetable crop.
- Kankrol* (*Momordica cochinchinensis*)—A vegetable crop.
- Karola* (*Momordica Charantia*)—A vegetable crop.
- Karuvapilai* (*Murraya Koenigii*)—A condiment.
- Kavali* (*Sterculia urens*)—The Indian katura, a fruit.
- Kavathu* (*Dioscorea alata*)—A tuber used as a food stuff.
- Khdlsa* (Bombay)—Government occupancy or raiyatwari tenure.
- (Central Provinces)—Areas settled on malguzari or thekadari tenure, in contradistinction to zamindari.
- (Berar, Ajmer-Merwara)—Land paying full revenue to Government.
- Khatedar* (Berar)—A registered occupant whose name is entered by authority in the Government records as holding unalienated land.
- Khiraj* (Assam)—Land assessed to full revenue.
- Khoti* (Bombay)—A form of tenure, found chiefly in the Konkan, the holder of which is, in return for certain semi-proprietary rights, held responsible for payment of assessment on the area held.
- Kirni* (*Mimusops hexandra*)—A large tree cultivated chiefly in north-western India. It produces an olive-shaped yellow berry which is eaten chiefly during times of scarcity, and in the hot weather.
- Kodo* or *Kutki* (*Paspalum Scrobiculatum*)—A kind of millet.
- Korai*—The Indian matting sedge.
- Kolinji* (*Tephrosia purpurea*)—A drug.
- Koorka* (*Strobilanthes*)—A vegetable crop.
- Kuhudi* (*Panicum trypheron*)—A food grain.
- Kulthi* (*Dolichos biflorus*)—Horse gram.
- Kutki* (see Kodo).
- Kwin* (Burma)—An area averaging about one square mile selected as a survey unit on account of some natural features or administrative boundaries.
- Lakhiraj* (Assam)—Revenue-free land.
- Lobia* (see Barbati).
- Madder* (*Kubia tinctorum* and *R. cordifolia*)—A dye.
- Mahalkari* (Bombay)—A revenue and police officer in charge of a sub-division of a taluk.
- Makhan sim*—The sword bean.
- Malguzari* (Central Provinces)—A form of tenure, the holder of which is responsible for the payment of the revenue assessed on a village.
- Mamlatdar* (Bombay)—The chief revenue and police officer (native) in charge of a taluk.
- Mankachu* (*Alocasia indica*)—A root crop.
- Marua* (*Elusine coracana*)—A kind of millet.
- Marukkolundu* (*Artemisia vulgaris*)—The Indian worm wood.
- Mehwasi* (Bombay)—A proprietary tenure assessable to revenue at a lump sum.
- Muafi* (Manpur)—Any kind of land held revenue-free either for a fixed period or in perpetuity, but the term does not ordinarily apply to jagirs.
- Mung* (*Phaseolus Mungo*)—Green gram.

APPENDIX C—continued

VERNACULAR TERMS USED IN VOLUME I OF AGRICULTURAL
STATISTICS OF INDIA—continued

- Munsarim* (Berar).—A head native revenue officer.
- Narnadari, Rhagdari* (Bombay).—Forms of proprietary tenure involving joint responsibility for the assessment: the revenue in the former case being fixed in the lump and in the latter distributed by rates over fields.
- Neem or Margosa* (*Melia azadirachta*).—A non-food crop.
- Neerali* (*Gynocordia odorata*).—An oilseed.
- Nela mulaka* (*Solanum xanthocarpum*).—The bogoda brinjal, a drug.
- Nis/khīraj* (Assam).—Land liable to pay half the revenue which is ordinarily payable for the term of settlement.
- Odamula* (*Ochalandra Rheedii*).—A reed.
- Ol or zaminkand*.—The elephant foot, a root crop.
- Palampat* (Berar).—Land held on payment of a quit-rent, but not necessarily hereditary.
- Panchayat* (Bengal).—A committee of five respectable persons nominated or appointed by local officers of Government in a village or group of villages for the settlement of petty disputes among the people and for dealing with other small local matters, such as caste, occupation, sanitation, etc.
- Papay* (*Carica papaya*).—A fruit.
- Parpatligar* (Coorg).—A revenue officer in charge of a sub-division of a taluk.
- Parvar* (see Patol).
- Patel* (Coorg).—Village headman appointed by Government.
- Patol* (*Trichosanthes dioica*).—A vegetable crop.
- Peshkash* (Madras).—The fixed land revenue payable to Government on all permanently-settled estates.
- Pimakkottai or pouna*.—The mast wood.
- Ponnagantikura* (*Alternanthera sessilis*).—A vegetable crop.
- Poramboke* (Madras).—Lands reserved for public or village communal purposes.
- Pōt imāms* (Bombay).—Lands sub-alienated in alienated villages.
- Pōt kharāb* (Berar).—The unculturable area included in a survey number.
- Puliyavara* (*Oxalis corniculata*).—A vegetable crop.
- Ragi* (see Marua).
- Randhuni* (see Ajmud).
- Rayatwari*.—State lands leased to cultivators for a fixed term. A form of tenure in which the settlement of revenue is made by Government with each individual occupant or cultivator of the land for a given term, without the intervention of a third party.
- Sabai grass* (*Ischaemum Augustifolium*).—A fibre plant.
- Sank-alu* (*Pachyrhizus angulatus*).—A root crop.
- Sapodilla* (*Achras Sapota*).—A fruit.
- Sebestan* (*Cordia Myza*).—A fruit.
- Shanbōg* (Coorg).—A village accountant appointed by Government.
- Shrotriem* (Madras).—Village held on grant (originally to Brahmīns), wholly or partially revenue-free.
- Siris tree or vagai* (*Albizia Lebbek*).—A non-food crop.
- Sorrell* (*Rumex vesicarius*).—A vegetable crop.
- Sother*.—Radish.
- Swank* (*Panicum frumentaceum*).—A food grain.
- Talukdari* (Bombay).—A form of proprietary right in force in the northern districts of Bombay.
- Tejpat* (*Cinnamomum Tamala* and *C. obtusifolium*).—A spice.
- Thatkameda* (Upper Burma).—Household tax.
- Thattan payara* (see Barbatī).
- Thekadar* (Central Provinces).—A farmer, a leaseholder, a middleman; one who receives the rents from the cultivators and pays a stipulated sum to the proprietor.
- Thotke grass* (*Imperata arundinacea*).—A small perennial grass used chiefly for thatching purpose.
- Thugyi* (Burma).—A village headman

APPENDIX C—concluded

VERNACULAR TERMS USED IN VOLUME I OF AGRICULTURAL
STATISTICS OF INDIA—concluded

- Til* (*Sesamum indicum*).—An oilseed.
- Uchhe* (*Momordica muricata*).—A vegetable crop.
- Udai* (*Acacia eburnea*).—A thorny tree used as fuel or for fencing purposes.
- Udhad-jamabandi* (Bombay).—A proprietary tenure subject to fixed assessment.
- Umblī* (Coorg).—Lands granted on reduced rates to individuals on account of services rendered to the State by themselves or their ancestors.
- Unda* (*Pongamia glabra*).—An oil seed.
- Urad* (*Phaseolus radiatus*).—Black gram.
- Wudalu or barti* (*Panicum flavidum*).—A food grain.
- Zamindar*.—The holder of an estate on a fixed assessment under a deed of permanent ownership granted by Government.
- (Central Provinces).—A chief of minor importance who, while usually holding a large and compact estate on privileged tenure, has been restricted to the rank of an ordinary subject.
- Zzmindari*.—An estate held on a fixed assessment under a deed of permanent ownership granted by Government.
- (United Provinces).—An undivided estate held in joint tenure.

APPENDIX D

ALPHABETICAL LIST OF CROPS CULTIVATED IN INDIA AND THEIR CLASSIFICATION
IN TABLE III

NAME OF CROP		Heads of classification in Table III
English or Vernacular	Botanical	
Agasi, agati or avati	Sesbania grandiflora	38. Fruits and Vegetables including root crops.
Agave	Agave spp.	23. Fibres—others.
Ajmud or Randhuni	Carum Roxburghianum	18. Condiments and spices.
Ajwan or Bishop's weed	Carum Copticum	18. " " "
Akurkura (see Chrysanthemum)	.....	.....
Al (see Morinda)	.....	.....
Aloes	Aloe vera	35. Drugs and Narcotics—others.
Alya (see Cress)	.....	.....
Amada or Mamidi allam	Curcuma Amada	18. Condiments and spices.
Amaranths	Amarantus	39. Misc. food crops.
Ampazham (see Plum)	.....	.....
Anise seed	Pimpinella Anisum	18. Condiments and spices.
Apple, wood	Feronia elephantum	38. Fruits and Vegetables including root crops.
" Rose	Eugenia Jambos	38. " " "
" Custard	Anona squamosa and A. reticulata.	38. " " "
Areca nut or Betel nut	Areca Catechu	35. Drugs and Narcotics—others.
Arhar or pigeon pea	Cajanus indicus	10. Other food grains, etc.
Arnatto or Arnotto	Bixa Orellana	28. Dyes and Tanning Materials—others.
Arrowroot, West Indian	Maranta arundinacea	39. Misc. food crops.
" Wild or East Indian	Curcuma augustifolia	39. " " "
Artichoke	Cynara Scolymus or Centaury Cardunculus.	38. Fruits and Vegetables including root crops.
Arum (edible), Kachu or Kachalu	Colocasia Antiquorum	38. " " "
Arunelli (see Gooseberry, country star)	.....	.....
Bajra (see Millet)	.....	.....
Barbati, Lobja, Jungulu, Thattan-payara or Chowli (Asparagus)	Vigna Catjang	10. Other food grains, etc.
Barley	Hordeum vulgare	4. Barley.
Barti (see Wudalu)	.....	.....
Basil, sweet	Ocimum Basilicum	35. Drugs and Narcotics—others.
Beans	Phaseolus lunatus	38. Fruits and Vegetables including root crops.
" Asparagus (see Barbati)	.....	.....
" Sword or Makhan Sim	Canavalia ensiformis, C. gladiata	38. Fruits and Vegetables including root crops.
" French	Phaseolus vulgaris	38. " " "
" Goa	Psophocarpus tetragonolobus	38. " " "
" Indian, Chikkudukayalu, or Popat	Dolichos lablab	38. " " "
" Kidney, Moth, or Kalpayaru	Phaseolus aconitifolius	38. " " "
" Soy	Glycine hispida	35. " " "
Beetroot	Beta vulgaris	38. " " "
Bel	Ægle Marmelos	38. " " "
Betel vine	Piper Betle	35. Drugs and Narcotics—others.
" nut (see Arecanut)	.....	.....
Bhindi (see Hibiscus, edible)	.....	.....
Bilimbi	Averrhoa Bilimbi	38. Fruits and Vegetables including root crops.
Bimb	Cephalandra indica	38. " " "
Bishop's weed (see Ajwan)	.....	.....
Borage, country	Coleus aromaticus	35. Drugs and Narcotics—others.
Brinjal	Solanum Melongena, S. longum.	38. Fruits and Vegetables including root crops.
" bogoda or nela mulaka	Solanum xanthocarpum	35. Drugs and Narcotics—others.
Buck wheat (see Wheat)	.....	.....

APPENDIX D—continued

ALPHABETICAL LIST OF CROPS—contd.

NAME OF CROP		Heads of classification in Table III
English or Vernacular	Botanical	
Cabbage	<i>Brassica oleracea</i>	38. Fruits and Vegetables including root crops.
Caraway or Jira	<i>Carum Carui</i>	18. Condiments and spices.
" Black or Shahjira	<i>Carum Bulbocastanum</i>	18. " " "
Cardamom Aromatic	<i>Amomum aromaticum</i>	18. " " "
" greater	" <i>subulatum</i>	18. " " "
" lesser	<i>Elettaria Cardamomum</i>	18. " " "
Carob or Locust tree	<i>Ceratonia Siliqua</i>	37. Fodder crops.
Carrot or Gajar	<i>Daucus Carota</i>	38. Fruits and Vegetables including root crops.
Cashew nut	<i>Anacardium occidentale</i>	38. " " "
Cassava	<i>Manihot utilisima</i> and <i>M. palmata</i> .	38. " " "
Castor	<i>Ricinus communis</i>	16. Oilseeds—others.
Cauliflower	<i>Brassica oleracea</i>	38. Fruits and Vegetables including root crops.
Celery	<i>Apium graveolens</i>	38. " " "
Chaplash (<i>see Sam tree</i>)	.....	.....
Chayroot	<i>Oldenlandia umbellata</i>	28. Dyes and Tanning Materials—others.
"
Cheena (<i>see Millet</i>)	.....	.....
Cheik (<i>see Job's Tear</i>)	.....	.....
Chicory	<i>Cichorium Intybus</i>	38. Fruits and Vegetables including root crops.
"
Chickling Vetch (<i>see Vetch</i>)	.....	.....
Chillies	<i>Capsicum sp.</i>	18. Condiments and spices.
Chikkudukayalu (<i>see Beans, Indian</i>)	.....	.....
Cholum (<i>see Millet</i>)	.....	.....
Cholanathu (<i>fodder Cholum</i>)	<i>Andropogon Sorghum</i>	37. Fodder crops.
Chowli (<i>see Barbati</i>)	.....	.....
Chrysanthemum, Akurkura, or Jevandi	<i>Chrysanthemum corona-rium</i>	40. Miscellaneous non-food crops.
Cinchona	<i>Cinchona sp.</i>	33. Cinchona.
Cinnamon	<i>Cinnamomum zeylanicum</i>	18. Condiments and spices.
Citron or Lime or lemon	<i>Citrus medica</i>	38. Fruits and Vegetables including root crops.
Cloves	<i>Eugenia caryophyllata</i> or <i>Caryophyllus aromaticus</i> .	18. Condiments and spices.
Coconut	<i>Cocos nucifera</i>	38. Fruits and Vegetables including root crops.
Coffee	<i>Coffea arabica</i>	30. Coffee.
Coriander	<i>Coriandrum sativum</i>	18. Condiments and spices.
Cotton	<i>Gossypium sp.</i>	21. Cotton.
Cress	<i>Lepidium sativum</i>	38. Fruits and Vegetables including root crops.
Cucumber	<i>Cucumis sativus</i>	38. " " "
Cumbu (<i>see Millet</i>)	.....	.....
Cumin	<i>Cuminum Cyminum</i>	18. Condiments and spices.
Custard Apple (<i>see Apple</i>)	.....	.....
Dani	<i>Nipa fruticans</i>	40. Miscellaneous non-food crops.
Date palm (<i>see Palm</i>)	.....	.....
Dhaincha	<i>Sesbania aculeata</i>	40. Miscellaneous non-food crops.
Dhatura	<i>Datura alba</i>	35. Drugs and Narcotics—others.
Dill or Sowa	<i>Peucedanum graveolens</i>	16. Oilseeds—others.
Dividivi	<i>Casalpinia coriara</i>	28. Dyes and Tanning Materials—others.
Drumsticks or Horse-radish	<i>Moringa pterygosperma</i>	38. Fruits and Vegetables including root crops.
Elephant's foot, Zaminkand or Ol	<i>Amorphophallus campanulatus</i> .	38. " " "
Elephant yam	<i>Tryphonium trilobatum</i>	38. " " "
Fennel	<i>Foeniculum vulgare</i>	18. Condiments and spices.

APPENDIX D—continued

ALPHABETICAL LIST OF CROPS—contd.

NAME OF CROP		Heads of classification in Table III
English or Vernacular	Botanical	
Fenugreek	<i>Trigonella foenum graecum</i>	18. Condiments and spices.
Field Vetch (<i>see</i> Vetch)	.....	.....
Fig	<i>Ficus Carica</i>	38. Fruits and Vegetables including root crops.
Flea-bane, purple	<i>Vernonia anthelmintica</i>	35. Drugs and Narcotics— others.
Flowers	.....	40. Miscellaneous non-food crops.
Gajar (<i>see</i> Carrot)	.....	.....
Garlic	<i>Allium sativum</i>	18. Condiments and spices.
Garmal	<i>Coleus barbatus</i>	38. Fruits and Vegetables including root crops.
Gawar (<i>see</i> Vetch)	.....	.....
Ginger	<i>Zingiber officinale</i>	18. Condiments and spices.
Goa bean (<i>see</i> Bean)	.....	.....
Gondli (<i>see</i> Millet)	.....	.....
Gooseberry, Cape - or tepari	<i>Physalis peruviana</i>	38. Fruits and Vegetables including root crops.
„ Country star or Arunelli	<i>Phyllanthus distichus</i>	38. „ „ „
Goose foot	<i>Chenopodium album</i>	38. „ „ „
Gourd, Snake	<i>Trichosanthes anguina</i>	38. „ „ „
„ Bottle	<i>Lagenaria vulgaris</i>	38. „ „ „
„ Towel	<i>Luffa acutangula</i>	38. „ „ „
„ Red or melon pumpkin	<i>Cucurbita maxima</i>	38. „ „ „
„ Melon, white	<i>Benincasa cerifera</i>	38. „ „ „
Gram	<i>Cicer arietinum</i>	9. Gram.
„ Field	<i>Phaseolus trilobus</i>	10. Other food grains, etc.
„ Green or Mung	<i>Phaseolus Mungo</i>	10. „ „ „
„ Horse or Kulthi	<i>Dolichos biflorus</i>	10. „ „ „
„ Black or Urad (Matikalai)	<i>Phaseolus radiatus</i>	10. „ „ „
Grape	<i>Vitis vinifera</i>	38. Fruits and Vegetables including root crops.
Groundnut	<i>Arachis hypogea</i>	15. Groundnut.
Guava	<i>Psidium Guajava</i>	38. Fruits and Vegetables including root crops.
Guinea grass	<i>Panicum maximum</i>	37. Fodder crops.
Gumberry	<i>Cordia Rothii</i>	38. Fruits and Vegetables including root crops.
Hemp, Indian, or Ganja	<i>Cannabis sativa</i>	34. Indian Hemp.
„ Sunn	<i>Crotalaria juncea</i>	23. Fibres—others.
„ Deccan	<i>Hibiscus cannabinus</i>	23. „ „
„ Sisal	<i>Agave sisalana</i>	23. „ „
Henna	<i>Lawsonia alba</i>	28. Dyes and Tanning Materials—others.
Hibiscus, edible or bhindi	<i>Hibiscus esculentus</i>	38. Fruits and Vegetables including root crops.
Horse-radish (<i>see</i> Drumsticks)	.....	.....
Indian Hemp (<i>see</i> Hemp)	.....	.....
Indian worm wood (<i>see</i> Marukkolundu)	.....	.....
Indigo	<i>Indigofera sumatrana</i> and <i>I. arrecta.</i>	27. Indigo.
Isfagul	<i>Plantago ovata</i>	35. Drugs and Narcotics— others.
Jack fruit	<i>Artocarpus integrifolia</i>	38. Fruits and Vegetables including root crops.
Jambotree (<i>see</i> Plum, black)	.....	.....
Jawar (<i>see</i> Millet)	.....	.....
Jenugulu (<i>see</i> Barbati)	.....	.....
Jevandi (<i>see</i> Chrysanthemum)	.....	.....
Jinjili (<i>see</i> Sesamum)	.....	.....
Jira (<i>see</i> Caraway)	.....	.....
Job's Tear or Cheik	<i>Coix lachryma-jobi</i>	10. Other food grains, etc.

APPENDIX D—continued

ALPHABETICAL LIST OF CROPS—contd.

NAME OF CROP		Heads of classification in Table III
English or Vernacular	Botanical	
Jujube	Zizyphus Jujuba	38. Fruits and Vegetables including root crops.
Jute	Corchorus sp.	22. Jute.
Kachu or Kachalu (see Arum)	.....	.....
Kakri (see Melon)	.....	.....
Kalpayaru (see Beans, Kidney)	.....	.....
Kamranga	Averrhoa Carambola	38. Fruits and Vegetables including root crops.
Kanda	Dracontium	38. " "
Kangni (see Millet)	.....	.....
Kankrol	Momordica cochinchinensis	38. Fruits and Vegetables including root crops.
Kaon (see Millet)	.....	.....
Kapok	Eriodendron anfractuosum	23. Fibres—others.
Karola	Momordica Charantia	38. Fruits and Vegetables including root crops.
Karuvapilai	Murraya Koenigii	18. Condiments and spices.
Kavali or Indian Katura	Sterculia urens	38. Fruits and Vegetables including root crops.
Kavathu, panhikkavathu, pallakavathu, kolkavathu	Dioscorea alata	38. " " "
Kharbuja (see Melon)	.....	.....
Khesari (see Vetch)	.....	.....
Khurfa (see Purslane)	.....	.....
Kidney bean (see Bean)	.....	.....
Kirni	Mimusops hexandra	39. Miscellaneous food crops.
Kodo (see Millet)	.....	.....
Korai (see Matting sedge, Indian)	.....	.....
Kokam (see Mangosteen)	.....	.....
Kolinji or vempali	Tephrosia purpurea	35. Drugs and Narcotics—others.
Koorka	Strobilanthes	38. Fruits and Vegetables including root crops.
Kuhudi	Panicum trypheron	10. Other food grains, etc.
Kultli (see Gram)	.....	.....
Kutki (see Millet)	.....	.....
Lemon (see Citron)	.....	.....
Lentils	Lens esculenta or Ervam lens	10. Other food grains, etc.
Lettuce	Lactuca Scariola	38. Fruits and Vegetables including root crops.
Lime (see Citron)	.....	.....
Liuseed	Linum usitatissimum	12. Linseed.
Lobia (see Barbati)	.....	.....
Locust tree (see Carob)	.....	.....
Lucerne	Medicago sativa	37. Fodder crops.
Madder	Rubia tinctorum and R. cordifolia.	28. Dyes and Tanning Materials—others.
Mabua	Bassia latifolia and B. longifolia.	39. Miscellaneous food crops.
Maize	Zea Mays	8. Maize.
Makhan Sim (see Beans, Sword)	.....	.....
Mango	Mangifera indica	38. Fruits and Vegetables including root crops.
Mangosteen or Kokam	Garcinia indica	38. " " "
Manikachu	Alocasia indica	38. " " "
Margosa or Neem tree	Melia azadirachta	40. Miscellaneous non-food crops.
Marians	Bouea burmanica	38. Fruits and Vegetables including root crops.
Marjoram	Origanum vulgare	18. Condiments and spices.
Maru (see Millet)	.....	.....
Marukkolundu or Indian wormwood	Artemisia vulgaris	40. Miscellaneous non-food crops.

APPENDIX D—continued

ALPHABETICAL LIST OF CROPS—contd.

NAME OF CROP		Heads of classification in Table III.
English or Vernacular	Botanical	
Mast wood	<i>Calophyllum inophyllum</i>	16. Oilseeds—others.
Mati kalai (<i>see</i> Black gram)	.....	.....
Matting sedge, Indian or Korai	<i>Cyperus corymbosus</i> , C. <i>tegetum</i> .	23. Fibres—others.
Medlar, Indian	<i>Vangueria edulis</i>	38. Fruits and Vegetables including root crops.
Melon, Kharbuja	<i>Cucumis Melo</i>	38. " " "
" Kakri	<i>Cucumis Melo</i> var. <i>momordica</i>	38. " " "
" Musk	<i>Cucurbita moschata</i>	38. " " "
" Water	<i>Citrullus vulgaris</i>	38. " " "
" White Gourd (<i>see</i> Gourd)	.....	.....
Metha (Fenugreek)	<i>Trigonella foenum-græcum</i>	18. Condiments and spices.
Millet, Common or Cheena	<i>Panicum miliaceum</i>	10. Other food grains, etc.
" Great or jawar or cholum	<i>Sorghum vulgare</i>	5. Cholum or Jawar.
" Italian, Kangni, or Kaon	<i>Panicum Italicum</i> or <i>Setaria italica</i>	10. Other food grains, etc.
" Kodo or Varagu	<i>Paspalum scrobiculatum</i>	10. " "
" Little, Kutki, or Gondli	<i>Panicum miliare</i>	10. " "
" Marua or Ragi	<i>Elusine Coraçana</i>	7. Ragi or marua.
" Spiked, Bajra or Cumbu	<i>Pennisetum typhoideum</i>	6. Cumbu or Bajra.
Mint or Pudina	<i>Mentha arvensis</i>	18. Condiments and spices.
Morinda or Al	<i>Morinda tinctoria</i>	28. Dyes and Tanning Materials—others.
Moth (<i>see</i> Bean)	.....	.....
Mulberry	<i>Morus indica</i>	40. Miscellaneous non-food crops.
Mung (<i>see</i> Gram)	.....	.....
Mustard	<i>Brassica</i> sp.	14. Rape and Mustard.
Naval (<i>see</i> Plum, black)	.....	.....
Neem tree (<i>see</i> Margosa)	.....	.....
Neerali	<i>Gynocordia odorata</i>	16. Oilseeds—others.
Niger Seed or Sorguja	<i>Guizotia abyssinica</i>	16. Oilseeds—others.
Nutmeg	<i>Myristica fragrans</i>	18. Condiments and spices.
Oats	<i>Avena sativa</i>	37. Fodder crops.
Odamula (reeds)	<i>Ochlandra Rheedii</i>	40. Miscellaneous non-food crops.
Oil (<i>see</i> Elephant foot)	.....	.....
Onion	<i>Allium Ceba</i>	18. Condiments and spices.
Opium	<i>Papaver somniferum</i>	29. Opium.
Orache, garden (<i>see</i> spinach)	.....	.....
Oranges	<i>Citrus Aurantium</i>	38. Fruits and Vegetables including root crops.
Palm, Date	<i>Phoenix sylvestris</i>	20. Sugar—others.
" Palmyra	<i>Borassus flabellifer</i>	20. " " "
Papay	<i>Carica papaya</i>	38. Fruits and Vegetables including root crops.
Parvar or Patol	<i>Trichosanthes dioica</i>	38. " " "
Peach	<i>Prunus persica</i>	38. " " "
Peas	<i>Pisum sativum</i> or <i>Pisum arvense</i> .	10. Other food grains, etc.
Peanut (<i>see</i> Groundnut)	.....	.....
Pepper	<i>Piper</i> or <i>Capsicum</i>	18. Condiments and spices.
" Black	<i>Piper nigrum</i>	18. " " "
" Long	<i>Piper longum</i>	19. " " "
Pigeon or bottle grass	<i>Setaria glauca</i>	10. Other food grains, etc.
Pigeon pea (<i>see</i> Arhar)	.....	.....
Pimakottai, Pouna (<i>see</i> Mastwood)	.....	.....
Pine apple	<i>Ananas sativa</i>	38. Fruits and Vegetables including root crops.
Plantain	<i>Musa sapientum</i>	38. " " "
Plum, black, Jambo tree or Naval	<i>Eugenia Jambolana</i>	38. " " "
" Hog, or Ampazham	<i>Spondias mangifera</i>	38. " " "
Poi (<i>see</i> Spinach)	.....	.....

APPENDIX D—continued

ALPHABETICAL LIST OF CROPS—contd.

NAME OF CROP		Heads of classification in Table III
English or Vernacular	Botanical	
Pomegranate	<i>Punica granatum</i>	38. Fruits and Vegetables including root crops.
Pomelo	<i>Citrus decumana</i>	38. " " "
Ponnagantikura	<i>Alternanthera sessilis</i>	38. " " "
Potato	<i>Solanum tuberosum</i>	38. " " "
" Sweet	<i>Ipomoea Batatas, Batatas edulis.</i>	38. " " "
Pudina (see Mint)	.....	.....
Puliavara	<i>Oxalis corniculata</i>	38. Fruits and Vegetables including root crops.
Pumpkin	<i>Cucurbita pepo</i>	38. " " "
Pumpkin Melon (see Gourd, red)	.....	.....
Radish or Sother	<i>Raphanus sativus</i>	38. Fruits and Vegetables including root crops.
Ragi (see Millet)	.....	.....
Randhuni (see Ajmud)	.....	.....
Rapeseed	<i>Brassica sp.</i>	14. Rape and Mustard.
Raspberry	<i>Rubus lasiocarpus</i>	38. Fruits and Vegetables including root crops.
Rhea	<i>Boehmeria nivea</i>	23. Fibres—others.
Rice	<i>Oryza sativa</i>	2. Rice.
Rose apple (see Apple)	.....	.....
Roselle	<i>Hibiscus subdariffa</i>	38. Fruits and Vegetables including root crops.
Rubber (India)	<i>Hevea brasiliensis, manihot Glaziovii.</i>	40. Miscellaneous non-food crops.
Sabai grass	<i>Ischœmum augustifolium</i>	23. Fibres—others.
Safflower	<i>Carthamus tinctorius</i>	28. Dyes and Tanning Materials—others.
Saffron	<i>Crocus sativus</i>	28. " " "
Sage	<i>Salvia officinalis</i>	18. Condiments and spices.
Sam tree or Chaplash	<i>Artocarpus Chaplasha</i>	40. Miscellaneous non-food crops.
Sank-alu	<i>Fachyrhizus angulatus</i>	38. Fruits and Vegetables including root crops.
Sapodilla	<i>Achras Sapota</i>	38. " " "
Sawan (see Swank)	.....	.....
Sebestan	<i>Cordia myra</i>	38. Fruits and Vegetables including root crops.
Senna	<i>Cassia angustifolia and C. ovata.</i>	35. Drugs and Narcotics—others.
Sesamum, til or jinjili	<i>Sesamum indicum</i>	13. Sesamum.
Shahjira (see Caraway, black)	.....	.....
Shama (see Swank)	.....	.....
Singhara or water caltrop	<i>Trapa bispinosa</i>	38. Fruits and Vegetables including root crops.
Siris tree or vagai	<i>Albizzia Lebbeck</i>	40. Miscellaneous non-food crops.
Sisal hemp (see Hemp)	.....	.....
Soapnut or Kumkudu-Kaya	<i>Sapindus trifoliatus</i>	35. Drugs and Narcotics—others.
Sorguja (see Niger seed)	.....	.....
Sorrell	<i>Rumex vesicarius</i>	38. Fruits and Vegetables including root crops.
Sowa (see Dill)	.....	.....
Sother (see Radish)	.....	.....
Soy bean (see Bean)	.....	.....
Spelt wheat (see Wheat)	.....	.....
Spinach	<i>Spinacea oleracea</i>	38. Fruits and Vegetables including root crops.
" Indian or poi	<i>Basella alba</i>	38. " " "
" Mountain, or Garden Orache	<i>Atriplex hortensis</i>	38. " " "
Strawberry	<i>Fragaria vesca</i>	38. " " "
Sugarcane	<i>Saccharum officinarum</i>	19. Sugarcane.

APPENDIX D—concluded

ALPHABETICAL LIST OF CROPS—concl'd.

NAME OF CROP		Head of classification in Table III
English or Vernacular	Botanical	
Sunflower	<i>Helianthus Annuus</i>	16. Oilseeds—others.
Swallow-wort	<i>Calotropis</i> sp.	23. Fibres—others.
Swank, Sawan, or Shama	<i>Panicum frumentaceum</i>	10. Other food grains, etc.
Sweet flag	<i>Acorus Calamus</i>	35. Drugs and Narcotics—others.
Sweet potato (<i>see</i> Potato) . . . . .	.....	.....
Tamarind	<i>Tamarindus indica</i>	18. Condiments and spices.
„ Manila	<i>Pithecolobium dulce</i>	38. Fruits and Vegetables including root crops.
Taramira	<i>Eruca sativa</i>	14. Rape and Mustard.
Tea	<i>Camellia Thea</i>	31. Tea.
Tejpat	<i>Cinnamomum Tamala</i> and <i>C. obtusifolium</i> .	13. Condiments and spices.
Tepari (<i>see</i> Gooseberry) . . . . .	.....	.....
Thattan-payara (<i>see</i> Barbati) . . . . .	.....	.....
Thetkè (grass)	<i>Imperata arundinacea</i>	40. Miscellaneous non-food crops.
Til (<i>see</i> Sesamum) . . . . .	.....	.....
Tobacco	<i>Nicotiana Tabacum</i> and <i>N. Rustica</i> .	32. Tobacco.
Tomato	<i>Lycopersicum esculentum</i>	38. Fruits and Vegetables including root crops.
Tori, Toria	<i>Brassica Napus</i>	14. Rape and Mustard.
Turmeric	<i>Curcuma longa</i>	18. Condiments and spices.
Turnip	<i>Brassica Rapa</i>	38. Fruits and Vegetables including root crops.
Uchhe	<i>Momordica muricata</i>	38. „ „ „
Udai	<i>Acacia eburnea</i>	40. Miscellaneous non-food crops.
Unda	<i>Pongamia glabra</i>	16. Oilseeds—others.
Urad (<i>see</i> Gram) . . . . .	.....	.....
Varagu (<i>see</i> Millet) . . . . .	.....	.....
Vagai (<i>see</i> Siris tree) . . . . .	.....	.....
Vempali (<i>see</i> Kolinji) . . . . .	.....	.....
Vetch, Field or gawar	<i>Cyamopsis psoraloides</i>	37. Fodder crops.
„ Chickling or khesari	<i>Lathyrus sativus</i>	10. Other food grains, etc.
Water caltrop (<i>see</i> Singhara) . . . . .	.....	.....
„ melon (<i>see</i> Melon) . . . . .	.....	.....
Wheat	<i>Triticum sativum</i>	3. Wheat.
„ Buck	<i>Fagopyrum esculentum</i>	10. Other food grains, etc.
„ Spelt	<i>Triticum sativum</i> var <i>Spelta</i> .	3. Wheat.
Wood apple (<i>see</i> Apple) . . . . .	.....	.....
Wudalu or barti	<i>Panicum flavidum</i>	10. Other food grains, etc.
Yams	<i>Dioscorea</i> sp.	38. Fruits and Vegetables including root crops.
Zamiukand (<i>see</i> Elephant foot)

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