

Twenty-seventh Issue]

GOVERNMENT OF INDIA  
DEPARTMENT OF REVENUE AND AGRICULTURE

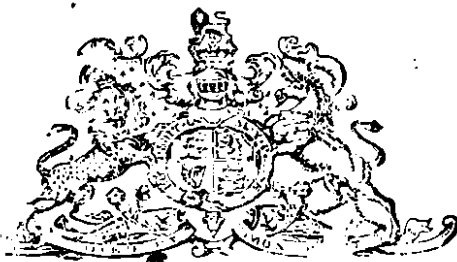
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*AGRICULTURAL STATISTICS*  
OF  
INDIA

FOR THE YEARS  
**1906-1907 TO 1910-1911**

IN TWO VOLUMES  
I.—BRITISH INDIA      II.—NATIVE STATES

**VOLUME I**



*Compiled in the Office of the Director-General of Commercial Intelligence*

CALCUTTA  
INDENT GOVERNMENT PRINTING, INDIA  
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1912

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## APPENDIX A—AVERAGE YIELD OF CROPS.

This statement shows the average yield in lbs. per acre of the principal cultivated crops, revised with reference to the results of experiments made up to the year 1906-07.

### GENERAL NOTES.

At the instance of the Secretary of State for India a provisional return of the yield of the principal crops cultivated in India was first compiled in 1892, from various statistical publications, such as, agricultural and settlement reports, crop forecasts, gazetteers, replies to the enquiries of the Famine Commission, etc., and to provide for the periodical revision of the estimates a system of experimental crop cuttings was prescribed by the Government of India, the results of which were to be reported in quinquennial returns.

The instructions for the preparation of these returns are that the estimate given should be that of the average outturn on average soil in a year of average character as deduced from a consideration of the information obtained or experiments made during the years under review; so that when multiplied by the average area cropped, it may give as near an approximation as possible to the outturn of the crop in an average year. The Agricultural Department of each Province has at its disposal a provisional estimate of the average yield of land of average quality (under the two major heads of irrigated and unirrigated land) for the several crops in each district. The object of the experiments annually made is to test the accuracy of these estimates, and to enable the head of the Agricultural Department in each province to revise his provincial estimates when necessary. Should it happen that the period has been one of exceptionally poor harvests which are reflected in the crop experiments received by the Agricultural Department from the districts, this would not necessarily involve the reduction of the standard estimates for the district or for the province, unless there were other reasons for thinking that, as estimates of yield in average years, they had been pitched too high.

The experiments made during the quinquennium 1901-02 to 1906-07 were more numerous and are believed to be more accurate than in any of the preceding periods. In all but two provinces they have justified considerable modification of the provincial averages previously accepted as correct, the general trend of the changes being in the upward direction. In the case of Bengal and Bombay, the old provincial averages have been repeated without alteration, as the results of the experiments made in the quinquennium under review have not been held to justify any revision. As regards Bengal, however, the district figures have been revised in many instances.

Though the figures of provincial average outturns are believed to approximate to the outturn on average soil in a year of average character, yet the variations between the results of experiments on the same crop in different provinces are so divergent, that some of the returns must still be regarded as problematic.

### PROVINCIAL NOTES.

The experiments made from 1902 to 1907 have been more numerous than those in the *Burma* preceding quinquennial period and give evidence of increasing care and judgment, but the results in Upper Burma are still susceptible of improvement. The experiments have, as before, been usually conducted by Township Officers and occasionally by Deputy Commissioners and Sub-Divisional Officers. In order to show the main product only the following deductions, as in the last quinquennium, have been made from the gross outturn of the crops, namely, for rice 33 per cent, for jawar 30 per cent and for cotton 70 per cent. The estimate of average outturn of husked rice in Lower Burma has decreased from 1,200 to 1,176 lbs. and in Upper Burma from 1,060 to 1,028 lbs., and the yield of wheat and jawar has also been reduced slightly. The average outturn of gram, til and cotton on the other hand has been raised. The variations in outturn are explained to be due mainly to a new method of procedure in calculating the averages. Figures for peas are shown for the first time, as the cultivation of this crop in the province is said to be extending.

In the previous quinquennium, before the constitution of the new province, figures for *Eastern Bengal* Assam were shown separately. In the present returns figures for Assam and the districts *and Assam* transferred from Bengal have been combined to give the average of the new province. Detailed figures for each district are not available except for winter rice, rape and mustard, sugarcane, and cotton. In the case of cotton a deduction varying between 40 and 50 per cent has been made as indicating the proportion of lint to seed cotton.

During the quinquennium there has been some improvement in the number and *Bengal* quality of the experiments made, but the results are still far from satisfactory. In many cases representative crops have not been selected and sometimes the area cut has been less than one-tenth of an acre. The experiments are too few and the results too discrepant to justify any general conclusions as to the average yields of the various crops, or afford grounds for



modifying the provisional estimates previously adopted by the Agricultural Department, which are in part a reproduction of the estimates of 1892. In tabulating the returns these unrevised provisional estimates continue to appear in the statement of provincial averages, but in the detailed table the average outturn based upon the experiments conducted during the quinquennial period are shown for each district, irrigated and unirrigated crops being classified separately.

*United Provinces*

The experiments made during the quinquennium have not necessitated any considerable changes in the provincial averages. Such alterations as have been made are, with the exception of barley, in the upward direction, showing that outturns had been underestimated previously. The yield of maize has increased from 950 to 1,050 lbs., of sugarcane from 2,500 to 2,600 lbs., and of cotton from 150 to 160 lbs. The other changes are unimportant.

*Ajmer-Merwara*

During the quinquennium, 162 crop-cutting experiments (70 in Ajmer and 92 in Merwara) were carried out. The average yield of jawar has been raised, and of maize, cotton and barley lowered, the most important change being the reduction of the yield of maize unirrigated from 1,428 to 960 lbs. A deduction of 70 per cent has been made to obtain the yield of cleaned cotton.

*Punjab*

Experiments in districts under settlement and in the canal colonies have usually been made on much more extensive areas than one-fortieth of an acre adopted in ordinary districts, and the returns in consequence show fewer abnormal results. Though the accuracy of the experiments is not yet as great as desirable, there has been a steady improvement in the last few years. In the case of most crops the average yield has been raised. The most important changes are as follows:—Average outturn of irrigated rice increased from 1,126 to 1,183 lbs., of irrigated wheat from 935 to 994 lbs., and of irrigated and unirrigated barley from 903 to 1,053 lbs. and from 520 to 652 lbs. respectively. The average outturn of irrigated sugarcane has decreased from 1,727 to 1,607 lbs., and of unirrigated from 1,390 to 1,288 lbs.

*N.-W. Frontier*

The estimates of average outturn are believed to approximate much more closely to accuracy than previous figures, as they are based in all districts, except Peshawar, on the estimates framed by Settlement officers. The average outturn of rice has been raised from 843 to 1,202 lbs., of bajra from 402 to 497 lbs., of maize from 1,159 to 1,342 lbs., and of sugarcane from 1,813 to 2,673 lbs. The outturn of wheat has decreased from 669 to 618 lbs. and of jawar (unirrigated) from 602 to 326 lbs.

*Sind*

In all districts figures taken from previous returns have been repeated for the majority of crops. Of the experiments selected as giving results typical of an average crop during the present quinquennium four were on wheat, three on jawar and bajra, and one each on sugarcane, rapeseed, and barley. As a result of these experiments, the provincial average outturn of wheat has been raised from 1,066 to 1,229 lbs., of barley from 965 to 1,076 lbs., and of bajra from 763 to 776 lbs. The very high yield of jawar given in the previous return, 1,798 lbs., has been reduced to 1,238 lbs. The average outturn of sugarcane also has decreased from 4,315 to 4,233 lbs., and of rapeseed from 653 to 590 lbs.

*Bombay*

The estimates of 1897 were prepared with great care and the experiments made in the last two quinquennial periods have not justified any general revision. No change, therefore, has been made in the provincial averages previously reported, though there are indications that the average outturn of wheat and ragi has been pitched a little too low and that of sugarcane somewhat too high.

*Central Provinces and Berar*

In the previous quinquennium separate figures were given for the Central Provinces and for Berar, but the provincial averages are now compiled for the first time from the combined figures. The bulk of the experiments have been carried out by Settlement officers; but such experiments as have been made by District officers show greater care in selection of crops for experiment and fewer gross errors than in the previous quinquennium, though it is stated there is still room for improvement. The tendency has been on the whole to lower average outturn of different crops. The relatively small yield in comparison with the average yield of other provinces is due to the fact that most of the crops are not irrigated.

*Madras*

The experiments accepted as unobjectionable during the quinquennium were 3,343 in number against 2,619 in the previous quinquennium. The average assessment of the plots of land selected for experiment is in excess of the average assessment of the whole province, and the average yield of the several crops exceeds the standard figures based upon settlement estimates for all sorts and kinds of soil, which, however, are believed to be

below the mark. The average yield of the majority of crops is higher than the average of the previous quinquennium, especially in the case of sugarcane, the outturn of which has been increased from 5,127 to 6,089 lbs. Figures for rice, bajra, and ragi (irrigated and unirrigated) are also higher, and the only decreases are jawar and jinjili (unirrigated). The yield has been reported of paddy instead of husked rice, and a deduction of 38 per cent has been made to obtain the yield of rice (husked).

---

The only experiments made have been on rice. The average outturn has been raised *Coorg* from 1,448 to 1,507 lbs., which is very high in comparison with the reported yield of other provinces, but is accounted for by favourable climatic conditions, the average rainfall being 125 inches.

[From experiments since made the average outturn comes to 1,330 lbs.]

---

Experience gained in the conduct of experiments is believed to have improved the results *Mysore* considerably. The somewhat unfavourable conditions of two years in the quinquennium are counterbalanced by the favourable conditions of the two preceding years, and the average of the whole period may therefore be taken as fairly correct. The average yield of sugarcane has been reduced from 3,399 to 3,279 lbs., of til (sesamum) from 231 to 215 lbs., and of ragi from 578 to 562 lbs. The average outturn of cleaned cotton has been increased from 52 to 89 lbs., and of horse gram from 212 to 229 lbs.

AVERAGE YIELD OF CROPS  
(ALL PROVINCES)

378

APPENDIX A

AVERAGE OUTTURNS (*lb per acre*) of PRINCIPAL CROPS in each PROVINCE of BRITISH INDIA and in MYSORE revised with reference to CROP EXPERIMENTS made up to the year 1906-07

PROVINCE		Rice (husked)	Wheat	Barley	Jawar	Bajra
Upper Burma	{ Irrigated	1,117	...	...	...	...
	{ Unirrigated	932	575	...	300	...
	{ Both	1,028	...	...	...	...
Lower Burma	Unirrigated	1,176	...	...	...	...
Eastern Bengal and Assam	"	{ (a) 1,064 (b) 1,120 (c) 672	} 784	672	...	...
Bengal*	"	{ (a) 1,234 (c) 800	{ (d) 984 (e) 861 (f) 451	} 881	...	...
United Provinces	{ Irrigated	1,050	1,250	1,300	...	...
	{ Unirrigated	800	850	900	650	550
	{ Both	850	1,050	1,100	...	...
Ajmer-Marwara	{ Irrigated	...	...	1,107	562	...
	{ Unirrigated	...	...	763	424	...
	{ Both	...	...	1,046	429	...
Punjab	{ Irrigated	1,183	994	1,053	561	595
	{ Unirrigated	771	619	652	447	445
	{ Both	1,060	816	786	479	462
North-West Frontier	{ Irrigated	1,202	842	1,214	823	693
	{ Unirrigated	...	540	689	326	482
	{ Both	...	618	818	478	497
Sind	Irrigated	...	1,229	1,076	1,238	776
Bombay	{ Irrigated	...	1,250	...	1,550	...
	{ Unirrigated	1,230	510	...	670	400
	{ Both	...	575	...	...	...
Central Provinces and Berar	{ Irrigated	...	...	...	...	...
	{ Unirrigated	...	600	...	638	...
	{ Both	579	...	...	...	...
Madras	{ Irrigated	1,115	...	...	1,118	1,020
	{ Unirrigated	926	...	...	647	611
Coorg	Unirrigated	1,507	...	...	...	...
Mysore	{ Irrigated	879	...	...	...	...
	{ Unirrigated	...	...	...	...	...

NOTE.—The average yield of both irrigated and unirrigated land is ascertained by multiplying the yield of irrigated land by the irrigated area cropped adding the yield of unirrigated land multiplied by the unirrigated area cropped, and dividing the sum of these products by the total area cropped

\* The estimates for Bengal 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 1906-07, as recorded in Appendix A—iii, are not considered sufficiently reliable to justify a revision of the provisional estimates

(a) Winter (b) Spring or Summer (c) Autumn (d) Bihar (e) Bengal (f) Chota Nagpur

## APPENDIX A—continued

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each PROVINCE of BRITISH INDIA and in MYSORE—continued

PROVINCE		Ragi	Maize	Peas	Arhar	Gram	Linseed
Upper Burma	{ Irrigated	...	...	...	...	...	...
	{ Unirrigated	...	...	624	...	778	...
	{ Both	...	...	...	...	...	...
Lower Burma	Unirrigated	...	...	...	...	...	...
Eastern Bengal and Assam	"	...	...	...	...	840	418
Bengal	{ Irrigated	820	820	...	881	881	492
	{ Unirrigated						
United Provinces	{ Irrigated	...	...	1,150	...	950	...
	{ Unirrigated	...	1,050	600	750	800	500
	{ Both	...	...	1,000	...	800	...
Ajmer-Merwara	{ Irrigated	...	965	...	...	...	...
	{ Unirrigated	...	960	...	...	...	...
	{ Both	...	714	...	...	...	...
Punjab	{ Irrigated	...	1,170	...	...	884	...
	{ Unirrigated	...	850	...	...	656	...
	{ Both	...	1,001	...	...	701	...
North-West Frontier	{ Irrigated	...	1,841	...	...	884	...
	{ Unirrigated	...	745	...	...	498	...
	{ Both	...	1,342	...	...	439	...
Sind	Irrigated	...	...	...	...	469	...
Bombay	{ Irrigated	1,400	...	...	...	1,200	...
	{ Unirrigated	1,060	...	...	...	410	360
	{ Both	...	...	...	...	...	...
Central Provinces and Berar	{ Irrigated	...	...	...	...	...	...
	{ Unirrigated	...	...	...	...	525	205
	{ Both	...	...	...	...	...	...
Madras	{ Irrigated	1,405	...	...	...	...	...
	{ Unirrigated	955	...	...	...	...	...
Mysore	{ Irrigated	...	...	...	...	...	...
	{ Unirrigated	562	...	...	...	229	...

AVERAGE YIELD OF CROPS  
(ALL PROVINCES)

380

APPENDIX A--concluded

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each PROVINCE of BRITISH INDIA and in MYSORE--continued

PROVINCE		Til or jinjili (sesamum)	Rape and mustard	Sugarcane ( <i>gûr</i> )	Cotton (cleaned)
Upper Burma	{ Irrigated	...	...	...	...
	Unirrigated	224	...	...	88
	Both	...	...	...	...
Lower Burma	Unirrigated	...	...	...	...
Eastern Bengal and Assam	"	448	448	2,688	126
Bengal	{ Irrigated	...	492	2,460	155
	Unirrigated				
United Provinces	{ Irrigated	...	...	2,600	220
	Unirrigated	280	600	...	190
	Both	...	...	...	160
Ajmer-Merwara	{ Irrigated	...	...	...	169
	Unirrigated	...	...	...	30
	Both	...	...	...	110
Punjab	{ Irrigated	...	404	1,607	78
	Unirrigated	...	205	1,288	64
	Both	...	254	1,534	74
North-West Frontier	{ Irrigated	...	516	2,673	169
	Unirrigated	...	398	...	78
	Both	...	407	...	142
Sind	Irrigated	448	590	4,283	308
Bombay	{ Irrigated	...	...	6,950	...
	Unirrigated	400	625	...	100
	Both	...	...	...	...
Central Provinces and Berar	{ Irrigated	...	...	2,390	100
	Unirrigated	280	...		
	Both	...	...		
Madras	{ Irrigated	444	...	6,089	66
	Unirrigated	270	...	...	44
Mysore	{ Irrigated	...	...	3,276	...
	Unirrigated	215	...	...	89

## APPENDIX A—i

AVERAGE YIELD (t<sup>b</sup> per acre) of PRINCIPAL CROPS in each DISTRICT of BURMA

DISTRICT		Rice	Wheat	Jawar	Gram	Til or jinjili (sesamum)	Cotton (cleaned)	Peas
<b>UPPER BURMA—</b>								
Mandalay	{ Irrigated	1,250	...	...	...	...	...	...
	{ Unirrigated	910	518	...	...	195	...	850
Bhamo	{ Irrigated	1,650	...	...	...	...	...	...
	{ Unirrigated	1,250	...	...	...	...	...	...
Shwebo	{ Irrigated	900	...	...	...	...	...	...
	{ Unirrigated	920	295	240	705	320	65	1,395
Myitkyina	{ Irrigated	1,235	...	...	...	...	...	...
	{ Unirrigated	1,025	...	...	...	...	...	...
Sagaing	{ Irrigated	750	...	...	...	...	...	...
	{ Unirrigated	800	554	250	425	190	100	...
Katha	{ Irrigated	1,485	...	...	...	...	...	...
	{ Unirrigated	1,200	...	...	...	...	...	...
Lower Chindwin	{ Irrigated	1,000	...	...	...	...	...	...
	{ Unirrigated	750	...	445	...	185	55	1,020
Upper Chindwin	{ Irrigated	1,000	...	...	...	...	...	...
	{ Unirrigated	1,100	...	...	...	...	...	...
Pakòkku	{ Irrigated	1,200	...	...	...	...	...	...
	{ Unirrigated	1,010	...	350	1,165	215	...	1,090
Thayetmyo	{ Irrigated	1,200	...	...	...	...	...	...
	{ Unirrigated	920	...	...	...	315	90	...
Minbu	{ Irrigated	1,300	...	...	...	...	...	...
	{ Unirrigated	1,580	954	520	975	295	...	675
Magwe	{ Irrigated	950	...	...	...	...	...	...
	{ Unirrigated	700	...	265	...	200	...	...
Kyauksé	{ Irrigated	1,250	...	...	...	...	...	...
	{ Unirrigated	...	...	...	...	100	...	...
Meiktila	{ Irrigated	600	...	...	...	...	...	...
	{ Unirrigated	...	...	260	...	250	75	...
Yaméthin	{ Irrigated	1,200	...	...	...	...	...	...
	{ Unirrigated	1,000	...	205	475	300	...	625
Myingyan	{ Irrigated	800	...	...	...	...	...	...
	{ Unirrigated	750	...	410	575	155	75	...
Average for the Province	{ Irrigated	1,117	...	...	...	...	...	...
	{ Unirrigated	932	575	300	778	224	8	824
	{ Both	1,028	...	...	...	...	...	...
<b>LOWER BURMA—</b> (all unirrigated)								
Akyab		1,200						
Kyaukpyu		1,000						
Hanthawaddy		1,100						
Sandoway		1,275						
Pegu		1,100						
Tharawadi		1,425						
Prome		1,260						
Maubin		1,500						
Pyapon		1,200						
Bassein		1,190						
Henzada		1,250						
Myaungmya		1,300						
Amherst		1,100						
Tavoy		800						
Mergui		1,250						
Tongoo		1,400						
Thaton		1,150						
Average for the Province		1,176						

APPENDIX A—ii

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of EASTERN BENGAL and ASSAM

DISTRICT	RICE			Wheat	Barley	Gram	Lentils (masuri)	Khesari
	Winter rice	Autumn rice ( <i>atás</i> )	Spring rice ( <i>boro</i> )					
Dacca	1,120	...	...	...	...	...	...	...
Maimensingh	1,120	...	...	...	...	...	...	...
Faridpur	1,232	...	...	...	...	...	...	...
Backerganj	1,344	...	...	...	...	...	...	...
Chittagong	1,008	...	...	...	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	...	...	...	...
Noakhali	1,008	...	...	...	...	...	...	...
Tippera	1,008	...	...	...	...	...	...	...
Rajshahi	1,008	...	...	...	...	...	...	...
Malda	1,008	...	...	...	...	...	...	...
Dinajpur	1,008	...	...	...	...	...	...	...
Jalpaiguri	1,120	...	...	...	...	...	...	...
Rangpur	1,120	...	...	...	...	...	...	...
Bogra	1,008	...	...	...	...	...	...	...
Pabna	1,008	...	...	...	...	...	...	...
Sylhet	1,008	...	...	...	...	...	...	...
Cachar { Broadcast Transplanted	672 896	...	...	...	...	...	...	...
Goalpara	1,008	...	...	...	...	...	...	...
Khasi and Jaintia Hills	560	...	...	...	...	...	...	...
Kamrup { Broadcast Transplanted	560 896	...	...	...	...	...	...	...
Garo Hills { Broadcast Transplanted	560 896	...	...	...	...	...	...	...
Darrang—Broadcast	560	...	...	...	...	...	...	...
Nowgong	...	...	...	...	...	...	...	...
Sibsagar—Transplanted	896	...	...	...	...	...	...	...
Lakhimpur { Broadcast Transplanted	560 896	...	...	...	...	...	...	...
Hill Tippera State	...	...	...	...	...	...	...	...
Average for the Province	1,064	672	1,120	784	672	840	336	340

## APPENDIX A—ii—continued

AVERAGE YIELD (tb per acre) of PRINCIPAL CROPS in each DISTRICT of EASTERN BENGAL  
and ASSAM—continued

DISTRICT	Mung	Matikalai	Rape and mustard	Linseed	Til or jinjili (sesamum)	Sugarcane (gur)	Cotton (cleaned)	Jute	Sun hemp
Dacca . . . . .	...	...	448	...	...	2,240	...	...	...
Maimensingh . . . . .	...	...	448	...	...	2,240	...	...	...
Faridpur . . . . .	...	...	448	...	...	3,360	...	...	...
Baokerganj . . . . .	...	...	448	...	...	2,240	...	...	...
Chittagong . . . . .	...	...	448	...	...	2,240	...	...	...
Chittagong Hill Tracts . . . . .	...	...	...	...	...	...	128	...	...
Noakhali . . . . .	...	...	448	...	...	2,240	...	...	...
Tippera . . . . .	...	...	448	...	...	2,240	...	...	...
Rajshahi . . . . .	...	...	448	...	...	2,240	...	...	...
Malda . . . . .	...	...	448	...	...	3,360	...	...	...
Dinajpur . . . . .	...	...	448	...	...	3,360	...	...	...
Jalpaiguri . . . . .	...	...	448	...	...	3,360	80	...	...
Rangpur . . . . .	...	...	448	...	...	3,360	...	...	...
Bogra . . . . .	...	...	448	...	...	3,360	...	...	...
Pabna . . . . .	...	...	448	...	...	3,360	...	...	...
Sylhet . . . . .	...	...	448	...	...	2,240	80	...	...
Cachar . . . . .	...	...	448	...	...	2,240	80	...	...
Goalpara . . . . .	...	...	560	...	...	1,344	80	...	...
Khasi and Jaintia Hills . . . . .	...	...	...	...	...	...	80	...	...
Kamrup . . . . .	...	...	448	...	...	1,344	80	...	...
Garo Hills . . . . .	...	...	448	...	...	...	160	...	...
Darrang . . . . .	...	...	504	...	...	1,344	80	...	...
Nowgong . . . . .	...	...	504	...	...	1,344	80	...	...
Sibsagar . . . . .	...	...	560	...	...	1,344	80	...	...
Lakhimpur . . . . .	...	...	560	...	...	2,240	80	...	...
Hill Tippera State . . . . .	...	...	...	...	...	...	80	...	...
Average for the Province . . . . .	448	560	448	448	448	2,688	128	1,200	800





## APPENDIX A—iii—continued

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of BENGAL—continued

DISTRICT		Ragi or marua	Gram	Arhar	Rape and mustard	Linseed	Potato	Sugarcane ( <i>guir</i> )	Cotton (cleaned)	Jute
Bardwan	Irrigated	...	...	...	...	...	14,788	3,076	...	...
	Unirrigated	...	499	...	...	518	...	...	...	...
Birbhum	Irrigated	...	...	...	...	...	...	5,748	...	...
	Unirrigated	...	...	...	...	...	...	...	...	...
Bankura	Irrigated	...	...	...	...	...	...	2,179	...	...
	Unirrigated	...	...	...	...	...	...	...	...	...
Midnapur	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	...	...	...	...	...	1,646
Hooghly	Irrigated	...	...	...	...	...	15,428	4,278	...	...
	Unirrigated	...	...	...	...	...	...	...	...	1,220
Howrah	Irrigated	...	...	...	...	...	...	2,283	...	1,317
	Unirrigated	...	...	...	...	...	...	1,785	...	1,598
24-Parganas	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	...	...	...	...	...	1,494
Nadia	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	640	...	494	309	...	...	...	1,326
Murshidabad	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	626	...	823	528	...	...	...	1,313
Jessore	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	456	408	...	5,491	...	1,322
Khulna	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	...	...	...	...	...	1,302
Patna	Irrigated	1,040	709	...	973	...	...	3,060	...	...
	Unirrigated	879	924	855	506	...	...	...	...	...
Gaya	Irrigated	...	782	...	...	329	...	2,469	...	...
	Unirrigated	846	670	...	...	...	...	...	...	...
Shahabad	Irrigated	...	745	...	...	...	...	...	...	...
	Unirrigated	...	666	...	...	...	...	...	...	...
Saran	Irrigated	789	...	877	...	...	...	...	...	...
	Unirrigated	730	...	631	...	...	...	2,445	107	...
Champarn	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	...	...	930	...	...	...	...	...	...
Muzaffarpur	Irrigated	...	...	...	...	...	...	...	...	...
	Unirrigated	790	...	987	...	...	...	...	104	...
Darbhanga	Irrigated	617	...	...	...	...	...	...	...	...
	Unirrigated	895	730	582	460	...	3,505	...	42	...

APPENDIX A—iii—continued

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of BENGAL—continued

DISTRICT	WINTER RICE		AUTUMN RICE		Wheat	Barley	Maize	
	Transplanted	Broadcast	Transplanted	Broadcast				
Monghyr . . .	{ Irrigated . . .	756	...	...	...	1,275	...	...
	{ Unirrigated . . .	597	572	...	...	825	933	1,520
Bhagalpur . . .	{ Irrigated . . .	878	...	...	740	1,112	1,440	523
	{ Unirrigated . . .	871	676	672	708	724	517	881
Purnea . . .	{ Irrigated . . .	...	...	...	...	...	...	...
	{ Unirrigated . . .	905	566	...	796	1,028	...	...
Darjeeling . . .	{ Irrigated . . .	1,119	...	803	500	...	...	...
	{ Unirrigated . . .	880	...	617	618	...	...	1,477
Santhal Parganas	{ Irrigated . . .	1,099	1,018	...	293	642	...	1,142
	{ Unirrigated . . .	1,001	797	...	...	705	747	970
Cuttack . . .	{ Irrigated . . .	1,275	1,157	...	1,120	...	...	...
	{ Unirrigated . . .	1,083	1,010	...	880	...	...	...
Balasore . . .	{ Irrigated . . .	764	1,006	...	...	...	...	...
	{ Unirrigated . . .	694	802	...	...	...	...	...
Angul . . .	{ Irrigated . . .	1,259	755	748	...	...	...	...
	{ Unirrigated . . .	1,083	1,093	765	586	...	...	1,279
Puri . . .	{ Irrigated . . .	1,461	1,280	...	784	...	...	...
	{ Unirrigated . . .	...	903	...	636	...	...	...
Sambalpur . . .	{ Irrigated . . .	1,388	840	1,542	890	...	...	...
	{ Unirrigated . . .	971	826	1,250	715	...	...	...
Hazáribágh . . .	{ Irrigated . . .	...	...	...	...	...	...	...
	{ Unirrigated . . .	804	540	...	...	...	362	1,025
Ránohi . . .	{ Irrigated . . .	1,248	1,204	...	...	...	...	...
	{ Unirrigated . . .	1,034	1,002	...	680	...	...	1,219
Palámau . . .	{ Irrigated . . .	895	...	...	...	...	...	...
	{ Unirrigated . . .	1,116	...	...	...	708	551	753
Mánbhum . . .	{ Irrigated . . .	1,439	1,639	1,310	630	...	...	...
	{ Unirrigated . . .	1,226	1,050	632	506	...	...	1,998
Singhbhum . . .	{ Irrigated . . .	1,393	1,254	...	...	...	...	...
	{ Unirrigated . . .	729	1,126	1,183	688	...	...	...
Average for the Province (a)	{ Irrigated . . .	1,080	1,002	1,111	743	940	1,224	1,000
	{ Unirrigated . . .	936	818	912	782	784	779	1,151

(a) The provincial average is the sum of the district averages divided by the number of districts

## APPENDIX A—iii—concluded

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of BENGAL—concluded

DISTRICT		Ragi or marua	Gram	Arhar	Rape and mustard	Linseed	Potato	Sugar- cane (gur)	Cotton (cleaned)	Jute
Monghyr .	{ Irrigated	...	863	...	...	...	...	...	...	...
	{ Unirrigated	...	976	644	...	...	...	...	...	...
Bhagalpur .	{ Irrigated	...	726	...	...	...	...	1,500	...	...
	{ Unirrigated	744	350	401	...	...	...	...	...	...
Purnea .	{ Irrigated	...	...	...	...	...	8,228	...	...	...
	{ Unirrigated	...	...	...	633	247	...	...	...	1,425
Derjceling .	{ Irrigated	...	...	...	...	...	...	...	...	824
	{ Unirrigated	...	...	...	...	...	...	...	...	908
Santhal Parganas	{ Irrigated	516	...	...	...	...	...	3,670	...	...
	{ Unirrigated	615	688	642	398	...	...	...	...	725
Cuttack .	{ Irrigated	...	...	...	...	...	...	4,914	...	993
	{ Unirrigated	...	...	...	...	...	...	...	101	763
Balasore .	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	...	...	...	...	...	...	...	...	...
Angul .	{ Irrigated	...	...	...	...	...	...	3,578	...	...
	{ Unirrigated	781	...	...	715	...	...	...	...	...
Puri .	{ Irrigated	...	...	...	...	...	...	2,472	...	...
	{ Unirrigated	...	...	...	...	...	...	864	...	...
Sambalpur .	{ Irrigated	...	...	...	...	...	...	2,064	...	...
	{ Unirrigated	...	...	...	...	...	...	...	...	...
Hazáribágh	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	767	...	...	435	...	...	...	...	...
Ranchi .	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	1,339	...	...	...	...	...	...	101	...
Palamau .	{ Irrigated	...	...	...	...	...	...	2,500	...	...
	{ Unirrigated	462	583	...	467	209	...	...	69	...
Mánbhum .	{ Irrigated	...	...	...	418	...	...	1,355	...	...
	{ Unirrigated	...	...	...	617	...	...	...	38	...
Singhbhum	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	...	...	384	...	...	...	...	188	...
Average for the Province	{ Irrigated	740	765	877	695	329	12,813	3,011	...	1,045
	{ Unirrigated	795	668	673	546	369	3,505	2,646	94	1,253

APPENDIX A—iv

AVERAGE YIELD (*lb per acre*) of PRINCIPAL CROPS in each DISTRICT of the UNITED PROVINCES of AGRA and OUDH

DISTRICT *			Rice (husked)	Wheat	Barley	Jawar	Bajra	Maize	Gram
Almora	Naini Tal Almora	Irrigated .	1,600	1,250	...	...	...	...	...
		Garhwál Dehra-Dún	Unirrigated .	1,400	1,000	...	...	...	...
	Moradabad		Moradabad Saháranpur	Irrigated .	1,050	1,250	1,300	...	...
Bijnor Bareli		Unirrigated .		800	800	1,000	650	500	1,000
		Muzaffarnagar	Muzaárnagar Meerut	Irrigated .	1,000	1,250	1,500	...	...
Unirrigated .	800			850	1,000	600	450	900	800
Bulandshahr	Bulandshahr Aligarh	Irrigated .	1,000	1,300	1,500	...	...	...	1,000
		Unirrigated .	700	900	900	650	650	1,200	800
Mainpuri	Mainpuri Etáá	Irrigated .	950	1,250	1,300	...	...	...	1,000
		Etawáh Farukhabad	Unirrigated .	600	700	800	650	500	1,200
	Muttra		Muttra Agra	Irrigated .	850	1,200	1,400	...	...
Unirrigated .		550		700	750	650	650	800	700
Budaun	Budaun Shahjahanpur	Irrigated .	950	1,150	1,250	...	...	...	1,000
		Unirrigated .	750	800	950	600	550	1,100	750
Sitapur	Sitapur Hardoi	Irrigated .	1,000	1,250	1,300	...	...	...	950
		Unirrigated .	700	800	1,100	650	550	900	900
Behraich	Behraich Pilibit	Irrigated .	1,050	1,300	1,300	...	...	...	1,000
		Kheri	Unirrigated .	900	1,050	1,100	600	550	1,300

\* 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)

Peas	Arhar	Linseed	Til or jinjili (sesamum)	Rape and mustard	Sugarcane ( <i>gúr</i> )	Cotton (cleaned)	Indigo (dye)	DISTRICT		
...	...	...	...	...	...	...	...	Irrigated	{ Naini Tal	} Almora
...	...	...	...	...	...	...	...	Unirrigated	{ Almora Garhwál Debra-Dún	
750	...	...	...	...	2,450	...	18	Irrigated	{ Moradabad	} Moradabad
500	...	400	320	430	...	110	...	Unirrigated	{ Saháranpur Bijnor Bareli	
800	...	...	...	...	2,800	200	19	Irrigated	{ Muzaffarnagar	} Muzaffarnagar
550	...	...	350	490	...	140	...	Unirrigated	{ Meerut	
1,000	...	...	...	...	2,400	200	19	Irrigated	{ Bulandshahr	} Bulandshahr
650	...	...	350	490	...	130	...	Unirrigated	{ Aligarh	
800	...	...	...	...	2,050	230	15	Irrigated	{ Mainpuri	} Mainpuri
550	...	...	410	...	...	160	...	Unirrigated	{ Etáh Etawáh Farukhabad	
650	...	...	...	...	2,000	230	15	Irrigated	{ Muttra	} Muttra
400	...	...	410	...	...	150	...	Unirrigated	{ Agra	
650	...	...	...	...	2,400	...	18	Irrigated	{ Budaun	} Budaun
400	...	400	320	430	...	110	...	Unirrigated	{ Shahjahanpur	
1,000	...	...	...	...	2,700	...	...	Irrigated	{ Sitapur	} Sitapur
650	550	500	300	570	...	110	...	Unirrigated	{ Hardoi	
850	...	...	...	...	2,000	...	...	Irrigated	{ Bahraich	} Bahraich
600	800	500	330	700	...	110	...	Unirrigated	{ Pilibit Kheri	

APPENDIX A—iv—continued

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the UNITED PROVINCES of AGRA and OUDH—continued

DISTRICT			Rice (husked)	Wheat	Barley	Jawar	Bajra	Maize	Gram
Unao	Unao Lucknow Rae-Baroli	Irrigated	1,000	1,200	1,400	...	...	...	1,000
		Unirrigated	700	600	700	650	550	950	900
Sultanpur	Sultanpur Barabanki Partabgarh Fyzabad	Irrigated	1,100	1,250	1,500	...	...	...	1,000
		Unirrigated	800	650	800	650	650	800	950
Fatehpur	Fatehpur Cawnpore Allahabad	Irrigated	1,050	1,250	1,300	...	...	...	1,000
		Unirrigated	800	600	700	650	550	1,000	900
Benares	Benares Jaunpur Mirzapur	Irrigated	1,000	1,100	1,200	...	...	...	800
		Unirrigated	700	600	800	650	500	800	600
Ballia	Ballia Ghazipur Azamgarh	Irrigated	1,250	1,250	1,200	...	...	...	950
		Unirrigated	900	750	800	650	650	1,000	850
Basti	Basti Gonda Gorakhpur	Irrigated	1,050	1,250	1,300	...	...	...	900
		Unirrigated	850	800	750	650	400	1,000	750
Jhansi	Jhansi Jalaun	Irrigated	800	850	1,000	...	...	...	700
		Unirrigated	550	650	500	550	400	650	550
Banda	Banda Hamirpur	Irrigated	800	800	1,000	...	...	...	800
		Unirrigated	650	500	500	550	400	650	750
Average for the Province	Irrigated Unirrigated Both	Irrigated	1,050	1,250	1,300	...	...	...	950
		Unirrigated	800	650	900	650	550	1,050	800
		Both	850	1,050	1,100	...	...	...	800

AVERAGE YIELD OF CROPS  
(UNITED PROVINCES)

Peas	Arhar	Linseed	Til or jinjili (sesamum)	Rape and mustard	Sugarcane ( <i>gür</i> )	Cotton (cleaned)	Indigo (dye)	DISTRICT	
1,150	...	...	...	...	2,600	...	...	Irrigated	Unao
650	700	400	300	490	...	110	Unirrigated		
1,200	...	...	...	...	2,600	...	20	Irrigated	Sultanpur
650	850	500	390	...	...	110	Unirrigated		
...	...	...	...	...	...	...	...	Fyzabad	
800	...	...	...	...	2,150	...	17	Irrigated	Fatehpur
550	500	400	320	...	...	120	Unirrigated		
...	...	...	...	...	...	...	...	Allahabad	
1,200	...	...	...	...	2,450	...	19	Irrigated	Benares
550	700	500	280	...	...	100	Unirrigated		
...	...	...	...	...	...	...	...	Mirzapur	
1,200	...	...	...	...	3,200	...	19	Irrigated	Ballia
650	800	650	280	660	...	100	Unirrigated		
...	...	...	...	...	...	...	...	Azamgarh	
1,200	...	...	...	...	2,400	...	19	Irrigated	Basti
600	650	500	280	570	...	100	Unirrigated		
...	...	...	...	...	...	...	...	Gorakhpur	
...	...	...	...	...	1,500	...	...	Irrigated	Jhansi
...	...	400	280	...	...	120	Unirrigated		
...	...	...	...	...	1,500	...	...	Irrigated	Banda
...	500	500	280	...	...	120	Unirrigated		
1,150	...	...	...	...	2,600	220	18	Irrigated	Average for the Province
600	750	500	280	600	...	130	...	Unirrigated	
1,000	...	...	...	...	...	160	...	Both	



APPENDIX A—V

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the PUNJAB

DISTRICT		Rice (husked)	Wheat	Barley	Jawar	Bajra
Missar	{ Irrigated . . .	960	720	780	420	500
	{ Unirrigated . . .	...	460	720	750	600
Rohtak	{ Irrigated . . .	1,280	1,000	1,000	800	320
	{ Unirrigated . . .	...	580	1,000	440	420
Gurgaon	{ Irrigated . . .	...	900	1,200	800	500
	{ Unirrigated . . .	...	600	600	624	440
Delhi	{ Irrigated . . .	920	1,120	960	800	500
	{ Unirrigated . . .	...	960	650	400	360
Karnal	{ Irrigated . . .	910	920	850	460	360
	{ Unirrigated . . .	530	520	450	280	230
Ambala	{ Irrigated . . .	1,400	1,060	800	480	480
	{ Unirrigated . . .	880	950	520	350	360
Simla	{ Irrigated . . .	...	480	...	...	...
	{ Unirrigated . . .	...	460	...	...	...
Kangra	{ Irrigated . . .	1,200	600	700	...	...
	{ Unirrigated . . .	800	550	530	...	...
Hoshiarpur	{ Irrigated . . .	1,000	840	740	...	580
	{ Unirrigated . . .	670	520	460	...	350
Jalandhar	{ Irrigated . . .	1,100	1,400	1,000	...	...
	{ Unirrigated . . .	600	900	500	...	...
Ludhiana	{ Irrigated . . .	466	1,084	1,012	...	...
	{ Unirrigated . . .	466	560	364	414	...
Ferozpur	{ Irrigated . . .	950	1,350	800	650	450
	{ Unirrigated . . .	480	800	700	450	300
Multan	{ Irrigated . . .	900	1,200	800	600	820
	{ Unirrigated . . .	...	850	560	400	...
Jhang	{ Irrigated . . .	480	840	850	520	520
	{ Unirrigated . . .	480	600	600	400	520
Mianwali	{ Irrigated . . .	800	1,000	1,040	560	640
	{ Unirrigated . . .	...	800	560	440	480
Lyallpur	{ Irrigated . . .	...	1,000	...	640	550
	{ Unirrigated . . .	...	480	...	480	...
Montgomery	{ Irrigated . . .	1,120	800	800	560	400
	{ Unirrigated . . .	1,120	600	600	400	274
Lahore	{ Irrigated . . .	1,500	1,200	1,200	420	520
	{ Unirrigated . . .	520	800	900	440	320
Amritsar	{ Irrigated . . .	1,600	1,280	1,000	400	520
	{ Unirrigated . . .	720	900	600	350	320
Gurdaspur	{ Irrigated . . .	1,360	1,280	1,000	400	520
	{ Unirrigated . . .	720	800	600	320	320
Sialkot	{ Irrigated . . .	1,440	1,000	1,200	500	800
	{ Unirrigated . . .	1,000	700	900	400	500
Gujrat	{ Irrigated . . .	1,220	800	890	540	760
	{ Unirrigated . . .	1,220	560	644	540	534
Gujranwala	{ Irrigated . . .	1,200	840	640	420	420
	{ Unirrigated . . .	520	560	320	320	240
Shahpur	{ Irrigated . . .	960	960	1,040	650	800
	{ Unirrigated . . .	800	800	720	400	400
Jhelum	{ Irrigated . . .	...	960	1,150	...	860
	{ Unirrigated . . .	...	560	560	...	340
Rawalpindi	{ Irrigated . . .	900	800	880	720	500
	{ Unirrigated . . .	...	480	640	400	400
Attock	{ Irrigated . . .	800	800	900	720	500
	{ Unirrigated . . .	...	480	640	360	320
Dehra Ghazi Khan	{ Irrigated . . .	800	640	800	440	600
	{ Unirrigated . . .	760	590	520	280	300
Muzaffargarh	{ Irrigated . . .	1,000	820	780	380	400
	{ Unirrigated . . .	760	520	700	320	...
Average for the Province	{ Irrigated . . .	1,183	994	1,053	561	695
	{ Unirrigated . . .	771	619	562	447	445
	{ Both . . .	1,060	816	786	479	462

Maize	Gram	Rapeseed	Sugarcane (gür)	Cotton (cleaned)	DISTRICT	
...	580	360	...	200	Irrigated	} Hisar
...	560	240	...	96	Unirrigated	
...	1,120	360	2,560	160	Irrigated	} Rohtak
...	740	240	720	60	Unirrigated	
...	820	400	...	144	Irrigated	} Gurguon
...	614	280	...	96	Unirrigated	
810	820	400	2,500	144	Irrigated	} Delhi
840	600	280	1,440	84	Unirrigated	
930	820	560	1,520	192	Irrigated	} Karnal
590	540	360	720	96	Unirrigated	
1,000	640	560	2,000	144	Irrigated	} Ambala
1,000	1,000	360	1,840	140	Unirrigated	
...	...	...	...	...	Irrigated	} Simla
...	...	...	...	...	Unirrigated	
900	...	480	...	48	Irrigated	} Kangra
1,100	...	360	...	48	Unirrigated	
1,000	820	480	2,200	144	Irrigated	} Hoshiarpur
660	425	360	1,800	96	Unirrigated	
1,700	1,000	...	2,300	192	Irrigated	} Jalandhar
1,000	900	...	1,800	192	Unirrigated	
1,296	800	560	2,200	168	Irrigated	} Ludhiana
566	400	400	1,800	84	Unirrigated	
1,600	1,300	600	...	120	Irrigated	} Ferozpur
600	800	400	...	84	Unirrigated	
...	800	240	1,440	100	Irrigated	} Multan
...	440	240	...	96	Unirrigated	
800	640	560	960	120	Irrigated	} Jhang
700	490	240	400	80	Unirrigated	
784	800	560	...	108	Irrigated	} Mianwali
...	600	480	...	72	Unirrigated	
800	...	560	1,500	120	Irrigated	} Lyallpur
560	...	240	...	...	Unirrigated	
960	460	480	...	120	Irrigated	} Montgomery
480	480	400	...	72	Unirrigated	
1,300	800	450	1,700	132	Irrigated	} Lahore
480	1,000	300	1,000	72	Unirrigated	
1,500	820	580	1,900	200	Irrigated	} Amritsar
720	900	320	1,000	120	Unirrigated	
1,240	820	580	1,700	192	Irrigated	} Gurdaspur
780	680	320	1,000	120	Unirrigated	
1,200	600	480	1,300	170	Irrigated	} Sialkot
800	470	320	1,250	96	Unirrigated	
860	600	320	1,040	144	Irrigated	} Gujrat
620	600	260	780	90	Unirrigated	
800	640	320	1,170	120	Irrigated	} Gujranwala
700	640	320	800	72	Unirrigated	
960	580	480	1,600	156	Irrigated	} Shabpur
480	580	400	400	78	Unirrigated	
1,040	800	560	...	144	Irrigated	} Jhelum
...	600	360	...	72	Unirrigated	
1,100	500	400	782	140	Irrigated	} Rawalpindi
900	400	300	266	120	Unirrigated	
1,000	500	480	782	120	Irrigated	} Attock
900	420	340	266	120	Unirrigated	
800	360	240	260	84	Irrigated	} Dera Ghazi Khan
...	480	200	...	60	Unirrigated	
...	400	240	1,200	84	Irrigated	} Muzaffargarh
...	400	240	...	72	Unirrigated	
1,170	884	404	1,607	78	Irrigated	} Average for the Province
850	656	205	1,288	64	Unirrigated	
1,001	701	254	1,534	74	Both	

AVERAGE YIELD OF CROPS  
(N.-W. FRONTIER)

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APPENDIX A—vi

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the NORTH-WEST FRONTIER PROVINCE

DISTRICT		Rice (husked)	Wheat	Barley	Jawar	Bajra
Hazara	{ Irrigated	1,234	741	782	...	494
	{ Unirrigated	...	473	535	...	329
Peshawar	{ Irrigated	1,166	839	1,257	823	...
	{ Unirrigated	...	580	760	326	...
Kohat	{ Irrigated	...	823	823	...	1,029
	{ Unirrigated	...	494	535	...	507
Bannu	{ Irrigated	...	741	700	...	617
	{ Unirrigated	...	514	453	...	412
Dera Ismail Khan	{ Irrigated	...	840	913	...	648
	{ Unirrigated	...	561	611	...	508
Average for the Province	{ Irrigated	1,202	842	1,214	823	693
	{ Unirrigated	...	540	689	326	482
	{ Both	...	618	818	478	497

DISTRICT		Maize	Gram	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)
Hazara	{ Irrigated	1,316	...	432	1,975	93
	{ Unirrigated	741	...	329	...	57
Peshawar	{ Irrigated	2,218	...	551	2,917	185
	{ Unirrigated	...	...	455	...	...
Kohat	{ Irrigated	1,029	453	329	...	103
	{ Unirrigated	617	453	247	...	57
Bannu	{ Irrigated	864	741	412	1,975	113
	{ Unirrigated	...	412	288	...	57
Dera Ismail Khan	{ Irrigated	...	...	...	...	150
	{ Unirrigated	...	553	391	...	87
Average for the Province	{ Irrigated	1,841	884	516	2,873	169
	{ Unirrigated	745	438	398	...	73
	{ Both	1,342	439	407	...	142

## APPENDIX A—vii

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS (all irrigated) in each DISTRICT of SIND

DISTRICT	Wheat	Barley	Jawar	Bajra	Gram	Til or jīnjī (sesamum)	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)
Karachi . . . . .	1,088	1,279	1,222	482	325	480	428	4,320	...
Hyderabad . . . . .	828	960	1,719	1,280	373	515	621	4,146	255
Sukkar . . . . .	1,451	720	1,308	960	656	480	711	...	...
Larkana . . . . .	1,608	...	1,108	...	...	...	...	...	...
Upper Sind Frontier . . . . .	969	902	832	640	522	373	768	...	...
Thar and Parkar . . . . .	1,436	1,518	...	516	...	393	426	...	300
Average for the Province . . . . .	1,229	1,076	1,238	776	469	448	590	4,233	308

NOTE.—The average for the province is the sum of the district averages divided by the number of districts

## APPENDIX A—viii

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of AJMER-MERWARA

DISTRICT		Parley	Jawar	Maize	Cotton (cleaned)
Ajmer	{ Irrigated . . . . .	1,131	600	1,110	210
	{ Unirrigated . . . . .	1,020	239	1,660	...
Merwara	{ Irrigated . . . . .	1,084	525	821	127
	{ Unirrigated . . . . .	507	609	200	30
Average for the Province	{ Irrigated . . . . .	1,107	562	965	169
	{ Unirrigated . . . . .	763	424	960	30
	{ Both . . . . .	1,046	429	714	110

NOTE.—(1) The yield reported in uncleaned cotton has been reduced by 70 per cent to allow for the removal of the seed  
(2) The average for the province is the sum of the district averages divided by the number of districts

## APPENDIX A—ix

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in COORG.

DISTRICT		Rice (husked)	Rice straw (bye-product)
Coorg . . . . .	Unirrigated	1,507	2,452

APPENDIX A-x

AVERAGE YIELD (to per acre) of PRINCIPAL CROPS in each DISTRICT of BOMBAY

DISTRICT	Rice (husked)	Wheat	Jawar	Bajra	Ragi	Maize	Gram	Linseed
Ahmadabad	{ Irrigated Unirrigated	1,440	1,300 560	(a)1,080	840	1,440	500	350
Kaira	{ Irrigated Unirrigated	1,320	1,300 600	(a)1,050	970	1,440	500	...
Panch Mahals	{ Irrigated Unirrigated	1,200	1,300 790	...	825	1,420	600	360
Broach	Unirrigated	900	600	{ (a)1,160 (b)1,020 }	700	1,500	500	...
Surat	"	1,560	560	(a)1,160	600	1,200	500	...
Khandesh	{ Irrigated Unirrigated	1,080	1,280 600	(a)720	380	900	1,200 500	330
Násik	{ Irrigated Unirrigated	1,080	1,320 460	(b)1,400 520	380	1,400 850	1,200 350	360
Ahmadnagar	{ Irrigated Unirrigated	1,040	1,360 460	(b)1,800 (b)540	340	1,400 900	1,200 380	360
Poona	{ Irrigated Unirrigated	1,120	1,060 350	(b)1,500 500	340	900	1,200 320	360
Sholapur	{ Irrigated Unirrigated	900	1,080 490	(b)1,500 (b)540	320	...	1,200 360	360
Satara	{ Irrigated Unirrigated	1,120	1,350 480	(b)1,500 720	360	900	1,200 380	360
Belgaum	{ Irrigated Unirrigated	1,140	1,200 580	800	400	900	400	380
Bijapur	{ Irrigated Unirrigated	800	1,080 400	540	320	...	340	360
Dharwar	{ Irrigated Unirrigated	1,140	600	900	450	1,200	500	360
Tanna	Unirrigated	1,200	...	...	...	770	400	...
Kolaba	"	1,320	...	...	...	800	380	...
Ratnágiri	"	1,020	...	...	...	680	320	...
Kánara	"	1,320	...	...	...	1,470	480	...
Average for the Province	{ Irrigated Unirrigated Both	1,230	1,250 510 575	1,550 670	400	1,400 1,060	1,200 410	360

(a) Kharif

(b) Rabi

Til or jinjili (sesamum)	Sugarcane ( <i>gír</i> )	Cotton (cleaned)	Rape and mustard	Spelt	Kodra	Groundnut	DISTRICT
400	6,000	125	640	...	1,320	...	Irrigated } Ahmadabad Unirrigated }
400	6,000	115	675	...	1,275	...	Irrigated } Kaira Unirrigated }
400	5,000	100	600	...	1,130	...	Irrigated } Panch Mahals Unirrigated }
450	7,000	130	...	...	1,025	...	Irrigated } Broach Unirrigated }
400	7,000	120	...	...	1,120	8,000	Irrigated } Surat Unirrigated }
400	7,000	90	...	1,500	900	3,000	Irrigated } Khandesh Unirrigated }
400	7,000	90	...	1,500	...	3,000	Irrigated } Nasik Unirrigated }
400	7,000	90	...	1,500	...	3,000	Irrigated } Ahmadnagar Unirrigated }
400	7,000	90	...	1,500	...	3,000	Irrigated } Poona Unirrigated }
400	7,000	90	...	1,500	...	3,000	Irrigated } Sholapur Unirrigated }
400	7,000	90	...	1,500	...	3,000	Irrigated } Satara Unirrigated }
400	7,000	100	...	1,500	...	3,000	Irrigated } Belgaum Unirrigated }
400	7,000	90	...	1,500	...	3,000	Irrigated } Bijapur Unirrigated }
400	7,000	100	...	1,500	...	3,000	Irrigated } Dharwar Unirrigated }
400	7,000	...	...	...	{ (a) 1,540 (b) 610 }	...	Irrigated } Tanna Unirrigated }
400	4,000	...	...	...	{ (a) 1,800 (b) 800 }	...	Irrigated } Kolaba Unirrigated }
400	4,000	...	...	...	{ (a) 1,860 (b) 675 }	...	Irrigated } Ratnagiri Unirrigated }
...	7,000	...	...	...	...	...	Irrigated } Kanara Unirrigated }
400	6,950	100	625	...	...	...	Irrigated } Unirrigated } Average for the Province. Both }

(a) Early

(b) Late

APPENDIX A-xi

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the CENTRAL PROVINCES and BERAR

DISTRICT	RICE (HUSKED) (a)		Wheat	Jawar	Gram	Kodan and kutki (millets) cleaned (b)	Linseed	Til or jinjli (sesamum)	Sugarcane (gtr)	Cotton (cleaned) (c)
	Transplanted	Broad-cast								
Saugor	{ Irrigated Unirrigated	{ 549 519	{ 600 550	{ 550 480	{ 225 280	{ 225 280	{ 280 150	{ 1,500 1,200	{ 80 60	
Damoh	{ Irrigated Unirrigated	{ 488 488	{ 580 400	{ 550 560	{ 225 250	{ 225 250	{ 200 150	{ 1,200 1,500	{ 60 80	
Jubbulpore	{ Irrigated Unirrigated	{ 468 488	{ 620 350	{ 400 580	{ 225 225	{ 250 200	{ 150 150	{ 1,200 1,500	{ 87 80	
Mandla	{ Irrigated Unirrigated	{ 498 488	{ 580 450	{ 350 560	{ 225 225	{ 200 250	{ 150 150	{ 1,500 1,500	{ 80 80	
Seoni	{ Irrigated Unirrigated	{ 915 610	{ 620 450	{ 450 560	{ 225 225	{ 250 250	{ 150 150	{ 1,500 1,500	{ 80 80	
Narsingpur	{ Irrigated Unirrigated	{ 427 427	{ 660 450	{ 450 580	{ 200 200	{ 280 280	{ 200 200	{ 1,200 1,200	{ 80 80	
Hoshangabad	{ Irrigated Unirrigated	{ 427 427	{ 620 450	{ 450 520	{ 200 200	{ 250 250	{ 250 250	{ 1,200 1,200	{ 80 80	
Nimar	{ Irrigated Unirrigated	{ 610 610	{ 900 640	{ 800 480	{ 175 175	{ 200 200	{ 250 250	{ 3,500 3,500	{ 107 107	
Betal	{ Irrigated Unirrigated	{ 427 427	{ 1,000 620	{ 450 480	{ 225 225	{ 200 200	{ 180 180	{ 3,500 3,500	{ 80 80	
Chhindwara	{ Irrigated Unirrigated	{ 427 427	{ 1,000 600	{ 600 480	{ 225 225	{ 220 220	{ 180 180	{ 3,500 3,500	{ 100 100	
Wardha	{ Irrigated Unirrigated	{ 427 427	{ 1,000 580	{ 700 580	{ 175 175	{ 300 300	{ 350 350	{ 3,000 3,000	{ 107 107	
Nagpur	{ Irrigated Unirrigated	{ 976 610	{ 1,000 580	{ 800 580	{ 175 175	{ 280 280	{ 350 350	{ 3,000 3,000	{ 100 100	
Chanda	{ Irrigated Unirrigated	{ 1,037 610	{ 915 537	{ 600 650	{ 550 550	{ 175 175	{ 250 250	{ 300 300	{ 4,000 4,000	{ 90 90
Bhandara	{ Irrigated Unirrigated	{ 976 610	{ 915 537	{ 450 450	{ 480 480	{ 175 175	{ 280 280	{ 300 300	{ 1,500 1,500	{ 50 50
Balaghat	{ Irrigated Unirrigated	{ 976 610	{ 915 537	{ 550 350	{ 550 550	{ 175 175	{ 280 280	{ 300 300	{ 1,500 1,500	{ 50 50
Raipur	{ Irrigated Unirrigated	{ 976 610	{ 915 537	{ 600 350	{ 450 450	{ 275 275	{ 200 200	{ 150 150	{ 3,000 3,000	{ 50 50
Bilaspur	{ Irrigated Unirrigated	{ 976 610	{ 915 537	{ 600 350	{ 450 450	{ 275 275	{ 200 200	{ 150 150	{ 2,500 2,500	{ 50 50
Drug	{ Irrigated Unirrigated	{ 976 610	{ 915 537	{ 600 350	{ 450 450	{ 275 275	{ 200 200	{ 150 150	{ 1,200 1,200	{ 80 80
Average for the Central Provinces	{ Irrigated Unirrigated Both	{ ... ... 580	{ ... ... 600	{ ... ... 600	{ ... ... 520	{ ... ... 235	{ ... ... 195	{ ... ... 215	{ ... ... 2,380	{ ... ... 98
Akola	{ Irrigated Unirrigated	{ 427 427	{ 580 660	{ 660 550	{ 175 175	{ 330 330	{ 300 300	{ 3,000 3,000	{ 100 100	
Amraoti	{ Irrigated Unirrigated	{ 427 427	{ 580 660	{ 660 550	{ 175 175	{ 330 330	{ 300 300	{ 3,000 3,000	{ 100 100	
Buldana	{ Irrigated Unirrigated	{ 427 427	{ 580 660	{ 660 550	{ 175 175	{ 330 330	{ 300 300	{ 3,000 3,000	{ 100 100	
Yestmal	{ Irrigated Unirrigated	{ 427 427	{ 580 660	{ 660 550	{ 175 175	{ 330 330	{ 300 300	{ 3,000 3,000	{ 100 100	
Average for Berar	{ Irrigated Unirrigated Both	{ ... ... 430	{ ... ... 580	{ ... ... 660	{ ... ... 550	{ ... ... 175	{ ... ... 330	{ ... ... 300	{ 3,000 ... ...	{ 100 ... ...
Average for Central Provinces and Berar	{ Irrigated Unirrigated Both	{ ... ... 580	{ ... ... 600	{ ... ... 638	{ ... ... 525	{ ... ... 235	{ ... ... 205	{ ... ... 230	{ ... ... 2,380	{ 100 ... ...

(a) The yield reported in unhusked rice has been reduced by 39 per cent  
(b) The yield reported in uncleaned Kodan and Kutki has been reduced by 50 per cent  
(c) The yield reported in uncleaned cotton has been reduced by 66 per cent

## APPENDIX A—xii

AVERAGE YIELD (to per acre) of PRINCIPAL CROPS in each DISTRICT of MADRAS

DISTRICT	Rice (husked) (a)	Jawar	Bajra	Ragi	Til or jinjili (sesamum)	Sugarcane (gur)	Cotton (cleaned)
Ganjam	{ Irrigated . . . 1,092 Unirrigated . . . 556	...	... 659	726 876	... 252	5,518 ...	...
Vizagapatam	{ Irrigated . . . 693 Unirrigated . . . ...	...	... 866	693 1,074	573 480	6,229 ...	...
Godavari	{ Irrigated . . . 1,007 Unirrigated . . . ...	650 901	... 636	907 901	582 251	5,605 ...	...
Kistna	{ Irrigated . . . 1,010 Unirrigated . . . ...	976 781	... 655	1,594 640	588 330	4,528 ...	... 61
Guntur	{ Irrigated . . . 1,037 Unirrigated . . . ...	... 458	617 482	1,489 ...	... ...	... ...	... 88
Nellore	{ Irrigated . . . 1,034 Unirrigated . . . 370	1,230 628	1,270 ...	1,427 1,452	386 289	... ...	... 25
Karnul	{ Irrigated . . . 1,285 Unirrigated . . . ...	... 706	... 662	1,102 597	... 267	5,718 ...	... 40
Bellary	{ Irrigated . . . 1,191 Unirrigated . . . ...	... 429	... 445	... 519	... 198	8,511 ...	... 42
Anantapur	{ Irrigated . . . 1,383 Unirrigated . . . ...	1,429 481	... 361	1,683 1,819	... 83	8,131 ...	... 31
Caddapah	{ Irrigated . . . 1,288 Unirrigated . . . ...	1,031 973	1,296 772	1,625 1,089	363 ...	7,761 ...	... 45
North Arcot	{ Irrigated . . . 1,248 Unirrigated . . . ...	1,297 434	... 633	1,913 682	396 247	9,181 ...	...
Chingleput	{ Irrigated . . . 1,012 Unirrigated . . . ...	... ...	610 783	1,122 699	506 260	... ...	...
South Arcot	{ Irrigated . . . 1,070 Unirrigated . . . 1,158	... ...	... 703	1,810 1,074	386 347	4,093 ...	...
Salem	{ Irrigated . . . 1,804 Unirrigated . . . ...	1,145 747	... 571	1,666 981	251 258	6,147 ...	... 23
Coimbatore	{ Irrigated . . . 1,329 Unirrigated . . . ...	828 889	1,185 488	1,308 1,091	377 385	7,728 ...	... 47
Trichinopoly	{ Irrigated . . . 1,316 Unirrigated . . . ...	1,612 439	752 729	1,126 526	344 173	3,807 ...	... 39
Tanjore	{ Irrigated . . . 954 Unirrigated . . . ...	... ...	1,262 697	1,065 683	334 297	... ...	...
Madura	{ Irrigated . . . 1,458 Unirrigated . . . ...	1,024 748	788 538	1,549 872	499 272	7,280 ...	66 51
Tinnevely	{ Irrigated . . . 1,448 Unirrigated . . . ...	1,853 695	... 524	1,272 ...	420 284	2,120 ...	... 64
Nilgiris	{ Irrigated . . . ... Unirrigated . . . 1,238	... ...	... ...	... 1,112	... ...	... ...	...
Malabar	{ Irrigated . . . 950 Unirrigated . . . 885	... ...	... ...	... 1,598	... 216	... ...	...
South Canara	{ Irrigated . . . 860 Unirrigated . . . 891	... ...	... ...	... ...	... ...	... ...	...
Average for the Province.	{ Irrigated . . . 1,115 Unirrigated . . . 926	1,118 647	1,020 611	1,405 955	444 270	6,089 ...	66 44

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



AVERAGE YIELD OF CROPS  
(MYSORE)

400

APPENDIX A-xiii

AVERAGE YIELD (lb per acre) of PRINCIPAL CROPS in each DISTRICT of the MYSORE STATE

DISTRICT		Rice (husked)	Ragi	Horse gram	Til or jinjh (sesamum)	Sugarcane (gur)	Cotton (cleaned)
Bangalore	Irrigated . . . .	622	...	...	...	3,534	...
	Unirrigated . . . .	...	599	73	430	...	...
Kolar	Irrigated . . . .	964	...	...	...	5,436	...
	Unirrigated . . . .	...	749	281	207	...	...
Tumkur	Irrigated . . . .	779	...	...	...	3,314	...
	Unirrigated . . . .	...	459	164	58	...	15
Mysore	Irrigated . . . .	1,259	...	...	...	3,195	...
	Unirrigated . . . .	...	599	270	221	...	29
Hassan	Irrigated . . . .	785	...	...	...	2,449	...
	Unirrigated . . . .	...	612	211	314	...	...
Shimoga	Irrigated . . . .	823	...	...	...	1,665	...
	Unirrigated . . . .	...	395	196	188	...	112
Kadur	Irrigated . . . .	786	...	...	...	2,202	...
	Unirrigated . . . .	...	419	223	229	...	64
Chitaldrug	Irrigated . . . .	942	...	...	...	2,411	...
	Unirrigated . . . .	...	659	170	195	...	102
Average for the Pro- vince	Irrigated . . . .	879	...	...	...	3,279	...
	Unirrigated . . . .	...	562	229	215	...	89

**APPENDIX B—CHANGES IN BOUNDARIES**

In this statement are entered such changes as are made from time to time in district, divisional, and provincial boundaries. It is explanatory of the variations in the areas shown in table No. 1.

APPENDIX B

STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES

PROVINCE	District or division from which transferred	AREA TRANSFERRED, AND LAND REVENUE THEREOF			District or division to which transferred	Number and date of notification of transfer		
		Area in acres		Land revenue ₹				
		Cultivated	Total					
1891-92	} Nil							
1892-93								
1893-94								
Lower Burma	(a)	24,869	1,512,960	(b)	(a) Upper Burma	Not notified; transferred for purposes of land law only No. 1729-I—853 B., dated 8th July 1892		
United Provinces	Ghaziपुर district	3,762	8,320	5,471	Shahabad, Bengal			
1894-95								
Bombay	Belgaum district	4	4	4	Sanghi State (Southern Mahratta Agency)	No. 9080, dated 11th December 1893, and No. 6073, dated 19th July 1894		
Central Provinces	Hoshangabad „	31	142	45	Bhopal (Central India)			
1895-96								
Bengal	{ Shahabad district	467	467	(b)	Ballia United Provinces	No. 47 J., dated 3rd January 1896		
United Provinces		Jalpaiguri „	(b)	1,080			549	Gosalpara, Assam
		Benares „	397	807			212	Shahabad, Bengal
Punjab	Kohát „	14	4,066	2	Independent territory (Afridis)	No. 1039, dated 31st August 1895, to Commissioner, Pesháwar		
1896-97	} Nil							
1897-98								
1898-99								
1899-1900								
1900-01								
1901-02								
Bengal	(a)		146	20	(a) United Provinces	No. 3316 J., dated 13th May 1901		
Punjab	(a)	29,081,900	65,809,310	2,86,24,103	(a) N.-W. Frontier			
1902-03								
United Provinces	(a)	1,912	4,732	1,734	(a) Bengal	No. 950 J., dated 26th May 1902		
Bengal	(a)	3,368	3,368	319	(a) United Provinces			
1903-04	Nil							
1904-05								
United Provinces	Ballia district	827	1,713	840	Saran, Bengal	No. 2809-I.—795-1904, dated 6th October 1904		
Punjab	Hissar „	1,405	1,767	270	Bikaner State			
1905-06								
Bengal	Rajshahi district	1,280,100	1,659,520	10,26,204	} Eastern Bengal and Assam	Government of India, Home Department, Notification No. 2833, dated 1st September 1905		
	Dinajpur „	1,459,900	2,525,440	15,20,635				
	Jalpaiguri „	928,400	1,895,680	7,57,868				
	Rangpur „	1,375,900	2,235,520	10,14,825				
	Bogra „	622,800	869,760	4,92,093				
	Pabna „	865,800	1,176,960	4,08,503				
	Dacca „	1,214,500	1,780,480	5,15,801				
	Mymensingh „	2,405,000	4,052,480	8,65,434				
	Faridpur „	970,400	1,459,840	6,20,060				
	Backergunge „	1,771,000	2,906,880	17,03,210				
	Tippera „	1,209,000	1,599,360	10,90,183				
	Noakhali „	784,800	1,052,160	6,82,691				
	Chittagong „	559,800	1,594,815	11,56,004				
	Malda „	716,500	1,215,360	4,36,759				
	Chittagong Hill Tracts „	(b)	3,288,320	(b)				
Hill Tippera State	(b)	2,615,040	(b)					
Chang Bhakar „	{ (b)	{	578,650	{ (b)	Central Provinces			
Korea „			1,043,840					
Sirguja „			3,896,960					
Udaipur „			673,280					
Jashpur „		1,246,720						

(a) District not stated  
(b) No information

## APPENDIX B—continued

## STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES—continued

PROVINCE	District or division from which transferred	AREA TRANSFERRED, AND LAND REVENUE THEREOF		District or division to which transferred	Number and date of notification of transfer		
		Area in acres				Land revenue R	
		Cultivated	Total				
<b>EXTERNAL TRANSFERS—continued</b>							
<b>1905-06—contd.</b>							
United Provinces	Ballia district	1,789	2,123	3,054	Shahabad, Bengal	No. 234 L. R., dated 16th January 1907	
Punjab	Hissar "	56	918	152	Bikaner State	No. 1085 S., dated 21st July 1906	
Central Provinces	Sambalpur "	(a)	1,051,632	2,447,360	1,89,997	Bengal	Government of India, Home Department, Notification No. 2893, dated 1st September 1906 Letter No. 6704, dated 18th October 1905
	Bamra State		1,272,320	583,120			
	Rairakhal "		579,840	1,585,360			
	Sonpur "		2,396,800	3,725	50	Nizam's Territory	
	Patna "						
	Kalahandi "						
	Chanda district	95					
<b>1906-07</b>							
	<i>Nil</i>						
<b>1907-08</b>							
Bengal	Darjeeling	4	4	(a)	Jalpaiguri, Eastern Bengal and Assam	No. 5735 C., dated 9th May 1907	
<b>1908-09</b>							
Bengal	Shahabad district	...	609	1,909	Ballia, United Provinces	No. 1918 Jur., dated 10th April 1908	
<b>1909-10</b>							
Eastern Bengal and Assam	Malda district	(a)	2,861	(a)	Purnea, Bengal	No. 529 Ex., dated 25th December 1908	
Bengal	Nadia "	2,928	2,928	797	Pabna, E. B. and Assam	No. 1886 R., dated 6th August 1908, and No. 2981 R., dated 19th December 1907	
	" "	343	1,035	689	" "	No. 75, dated 13th January 1909	
United Provinces	Ballia "	...	488	1,371	Shahabad, Bengal	No. 2174 T. R., dated 25th September 1909	
Central Provinces	Chanda "	28,330	(b) 379,520	1,340	Godavari, Madras	Government of India, No. 545, dated 15th April 1909	
<b>1910-11</b>							
Bengal	Ballia (U. P.)	...	176	251	Shahabad, Bengal	No. 459, dated 16th May 1910	
<b>INTERNAL TRANSFERS</b>							
<b>1891-92</b>							
Madras	{ Bellary district Tanjore "	{ 1,166 18	{ 12,055 14	{ 1,866 25	{ Anantapur district Trichinopoly "	{ No. 226, dated 15th May 1891 No. 807, dated 31st August 1891	
<b>1892-93</b>							
Upper Burma	Katha district	1,765	768,000	7,846	Ruby Mines district	No. 314, dated 19th December 1892	
Lower Burma	Bassein "	502	112,768	744	Sandoway "	No. 132, dated 23rd May 1892	
Assam	Darrang "	...	1,568	(a)	Nowgong "	No. 225 Rev.—3207 R., dated 28th April 1893	
United Provinces	Budaun "	...	859	20	Etah "	No. 1928 A-I.—157, dated 29th July 1892	
	Pilibit "	215	262	450	Bareilly "	No. 2596 A-I.—157, dated 7th October 1892	
Punjab	Jhang "	3,198	10,562	(a)	Gujranwála "	{ No. 624, dated 22nd August 1893 No. 623, dated 22nd August 1893 No. 350, dated 15th August 1893	
	Montgomery "	694	3,992	(a)	Jhang "		
	Gujranwála "	2,977	12,723	(a)	Ráwálpindi "		
	Hazára "	9	25	3			
<b>1893-94</b>							
Upper Burma	Katha district	(a)	256,000	(a)	{ Bhamo district	No. 173, dated 1st August 1893	
	Upper Chindwin district	100	320,000	(a)			
	Shwebo district	(a)	6,400	(a)			Ruby Mines "
	Sagaing "	(a)	1,920	1,701	Lower Chindwin district	No. 299, dated 13th December 1893 Not notified (see letter No. 288-S—T-3, dated 12th January 1893)	

(a) No information

(b) Includes 289,538 acres of Government forests

APPENDIX B—continued

STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES—continued

PROVINCE	District or division from which transferred	AREA TRANSFERRED, AND LAND REVENUE THEREOF		District or division to which transferred	Number and date of notification of transfer	
		Area in acres.				Land revenue R
		Cultivated	Total			

INTERNAL TRANSFERS—continued

1903-04—contd.

Lower Burma	Myingyan district	443,829	2,391,680	5,24,557	Eastern division	No. 239, dated 18th October 1893
	Pyinmana "	29,162	1,632,000	1,20,511	Yamethin district	
	Thongwa "	127,360	1,044,154	2,77,140	Myaungmya "	
	Bassein "	208,180	875,302	3,05,253	Southern division	
	Thayetmyo "	144,938	3,047,040	2,48,110		
United Provinces	Budaun "	688	1,529	635	Shahjahanpur district	No. 532-I—157A., dated 1st March 1894
	Ghaziपुर "	30,520	36,810	40,075	Ballia district	No. 590-I—87B., dated 6th March 1894
Punjab	Muzaffargarh "	3,062	9,438	3,662	Multan "	No. 440, dated 15th June 1893
	Multan "	2,987	9,590	2,960	Muzaffargarh,	No. 623, dated 22nd August 1893 No. 624, dated 22nd August 1893 No. 601, dated 28th August 1894 No. 624, dated 22nd August 1893 No. 968, dated 28th December 1893
	Gujranwala "	2,977	12,723	744	Jhang "	
	Jhang "	3,198	10,562	799	Gujranwala "	
	" "	327	1,219	360	Shahpur "	
	Montgomery "	...	3,875	(a)	Gujranwala "	
Lahore "	...	399	(a)	" "		
Sind	Shikarpur "	14,334	60,339	20,132	Karachi "	Nos. 5353 and 5353-A., dated 25th July 1893
Central Provinces	Nagpur "	...	4,288	(a)	Seoni "	No. 2141, dated 3rd May 1894
	Seoni "	...	4,800	(a)	Nagpur "	No. 2142, dated 3rd May 1894
Madras	Ganjam "	127	301	147	Vizagapatam "	No. 461, dated 7th September 1893
	Madras "	262	1,040	595	Chingleput "	No. 489, dated 10th October 1892
	North Arcot "	...	(b)160,000	...	" "	No. 117, dated 7th March 1893 No. 474, dated 16th September 1893

1894-95

Bengal	Dacca district	(a)	9,600	(c)	Faridpur district	No. 4172 J., dated 6th November 1894
United Provinces	Etah "	180	3,843	310	Budann "	No. $\frac{2362}{1-157-A.}$ , dated 29th August 1894
	Ghaziपुर "	275	545	379	Ballia "	No. $\frac{1913}{1-87-B}$ , dated 16th July 1894
Punjab	Hazara "	...	120	(a)	Rawalpindi "	No. 87, dated 1st February 1895
Bombay and Sind	Nasik "	440	3,043	125	Khandesh "	No. 5087, dated 13th June 1894
	Poona "	...	161	(a)	Tanna "	Following on settlement of boundary by Survey Department
	Karachi "	68	3,836	103	Hyderabad "	Sanctioned by the Commissioner in Sind; notification not quoted
Madras	Hyderabad "	49,116	452,736	1,14,039	Thar and Parkar district	No. 2062, dated 19th March 1894
	Bellary "	65,709	119,254	41,068	Anantapur district	No. 219, dated 19th April 1895

1895-96

Upper Burma	Shwebo district	69,315,840	1,968,640	2,67,870	Central division	No. 65, dated 27th March 1895
	Ye-u "	102,254	3,392,000	2,58,353	Shwebo district	
	Myitkyina "	300	320,000	1,460	Upper Chindwin district	
	Pakokku "	2,000	2,000	9,033	Myingyan district	
Lower Burma	Bhamo "	206	5,209,626	1,44,855	Myitkyina "	No. 905-3-M., dated 29th November 1895, from Financial Commissioner
	Shwegyin "	105,062	716,633	1,58,144	Pegu "	No. 65, dated 27th March 1895
	" "	33,154	1,762,087	38,923	Toungoo "	
	" "	124,962	994,560	1,91,755	Thaton "	
	Amherst "	317,743	2,548,480	5,71,791	" "	
Pegu "	370,065	489,186	9,08,570	Hanthawady "		
Bengal	Shahabad "	(a)	2,648	3,933	Patna "	No. 354 J., dated 1st July 1895
Punjab	Gujranwala "	161	755	196	Gujrat "	No. 479, dated 23rd June 1896
	Kohat "	11,769	101,405	3,670	Peshawar "	No. 45, dated 29th January 1896

(a) No information

(b) Zamindari villages: cultivated area not known. Land revenue not apportioned

(c) Revenue jurisdiction not changed

## APPENDIX B—continued

## STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES—continued

PROVINCE	District or division from which transferred	AREA TRANSFERRED, AND LAND REVENUE THEREOF		District or division to which transferred	Number and date of notification of transfer	
		Area in acres				Land revenue ₹
		Cultivated	Total			
<b>INTERNAL TRANSFERS—continued</b>						
<b>1896-97</b>						
Upper Burma	{ Yaméthin district Myingyan "	13,000 494	33,641 494	3,644 1,284	Meiktila district Minbu "	No. 168, dated 1st September 1896 No. 731-3 M.-72, dated 30th October 1896, from Financial Commissioner
Assam	Khasi and Jaintia Hills district	...	13,440	...	Sylhet "	No. 84, dated 9th January 1896
Bengal	{ Dinajpur district Bogra "	(a) (a)	109,440 59,520	(b) (b)	Rajshahi " "	{ No. 6248 J., dated 22nd December 1896
United Provinces	Naini Tal "	1,508	4,313	354	Almora "	No. 4090—I-723, dated 28th October 1896
Punjab	{ Gujranwála "	336 200	1,334 1,150	(a) 209	Jhang Gujrát "	No. 158, dated 15th March 1897 No. 479, dated 23rd June 1896
Bombay and Sind	{ Dharwar Ratnágiri Karáchi "	191 2 ...	1,199 3 1,299	459 (a) (a)	Kenara Sawantwadi State Hyderabad district	No. 416, dated 15th January 1896 No. 4406, dated 14th November 1895 No. 6288A., dated 11th August 1896
Central Provinces	{ Hoshangabad, Nagpur "	126,569 ...	365,769 707	31,815 (a)	Nimar Chhindwára "	No. 3298, dated 24th August 1896 No. 3102, dated 17th May 1895, and No. 2092, dated 3rd June 1896
<b>1897-98</b>						
Upper Burma	Pakókkú district	600	39,680	250	Upper Chindwin district	No. 242, dated 18th November 1897
Lower Burma	Tharawadi "	7,036	46,080	8,821	Prome district	No. 59, dated 30th March 1897
Bengal	{ Cuttack Balasore "	(a) (a)	2,560 640	(a) (a)	Balasore Cuttack "	{ No. 2935 J., dated 18th May 1896
Punjab	{ Ambala Muzaffargarh "	20,240 342	357,731 1,000	2,37,373 234	Karnál Multan "	No. 564, dated 17th September 1897 No. 181, dated 24th March 1898
Central Provinces	Hoshangabad "	...	1,215	(a)	Betul "	No. 4521, dated 22nd December 1897
<b>1898-99</b>						
Upper Burma	{ Pakókkú district Sagaing Myingyan "	112,000 1,581 474	112,000 1,581 3,275	6,650 2,480 1,268	Minbu district Mandalay Meiktila "	No. 178, dated 7th September 1898 No. 119, dated 7th July 1898 Following on survey and settlement
Bengal	Faridpur "	676	5,376	931	Tippera "	No. 3104 J., dated 4th July 1898
United Provinces	Etah "	47	860	20	Budaun "	No. 1941-1-15, dated 12th July 1898
Punjab	{ Jhang Montgomery " " Lahore Simla Jalandhar Ludhiána "	4,031 ... 10,552 975 319 404 374	18,178 605,586 23,578 4,450 650 2,690 1,220	3,490 (a) (a) (a) 427 280 615	Multan Jhang Gujranwála " " Ambala Ludhiána Jalandhar "	No. 191, dated 28th March 1898 No. 370, dated 11th May 1899 { No. 281, dated 11th April 1899 No. 626 A., dated 3rd May 1899 { No. 157, dated 19th March 1898
Sind	Hyderabad "	3	2,365	6	Thar and Parkar district	No. 147, dated 10th January 1899
Central Provinces	Mandla "	...	1,665	85	Bálághát district	No. 3620, dated 11th October 1899

(a) No information  
(b) Revenue jurisdiction not charged

APPENDIX B—continued

STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES—continued

PROVINCE	District or division from which transferred	AREA TRANSFERRED, AND LAND REVENUE THEREOF		Land revenue ₹	District or division to which transferred	Number and date of notification of transfer
		Area in acres				
		Cultivated	Total			

INTERNAL TRANSFERS—continued

1899-1900

Upper Burma	Myingyan district	249	1,466	729	Miobu district	No. 245, dated 28th December 1899
Lower Burma	Myaungmya "	865	2,973	1,902	Thongwa "	{ No. 78, dated 15th May 1899 No. 21, dated 8th February 1900
	Henzada "	76	519	122		
	Myaungmya "	23,616	46,918	48,158	Bassein "	No. 72, dated 15th May 1899
	Thongwa "	1,198	3,937	2,635	Myaungmya "	{ No. 73, dated 15th May 1899 No. 72, dated 15th May 1899
	Bassein "	4,906	23,482	7,747		
	Henzada "	708	708	902		
	Thaton "	545	7,680	600	Prome "	No. 142, dated 7th August 1899
		...	6,447	...	Tharawadi "	No. 197, dated 1st November 1899
		...	...	...	Pegu "	Encroachment of the Sittang River
United Provinces	Bijnor "	...	1,465	50	Muzaffarnagar "	No. 3864-I-993-C., dated 8th November 1899
	" "	...	308	1	" "	No. 2015-I-629-D., dated 27th June 1900
	Moradabad "	...	54	9	Bulandshahr "	No. 3867-I-992-C., dated 8th November 1899
Punjab	Jhang "	2,308	5,446	...	Gujránwala "	No. 1108, dated 9th December 1899
	D. G. Khan "	7	582	3	Muzaffargarh "	No. 590, dated 28th June 1900, and Erratum No. 553, dated 11th September 1897

1900-01

Upper Burma	Ruby Mines district	35,840	...	...	Mandalay district	{ No. 137, dated 2nd July 1900
	Mandalay "	7,040	...	...	Ruby Mines "	
Assam	Naga Hills "	...	502,553	...	Nowgong "	{ No. 5646 R., dated 9th December 1898
	" "	...	1,207,462	1,836	Sibsagar "	
	Nowgong "	...	129,850	...	" "	No. 5647 R., dated 9th December 1898, and No. 1528 R., dated 30th April 1900
Punjab	Rawalpindi "	196,600	416,781	1,59,320	Hazara "	No. 813, dated 6th September 1900
	Hyderabad "	...	38,863	...	Thar and Parkar district	{ No. 4802, dated 1st August 1900
Sind	Thar and Parkar district	451	8,093	1,139	Hyderabad district	
	Shikarpur district	7,323	35,087	19,773	Khairpur State	{ No. 341, dated 19th July 1900 (under treaty)
	Khairpur State	1,575	9,073	4,494	Shikarpur district	
" "	...	134,000	...	Thar and Parkar district		

1901-02

Upper Burma	Bhamo district	33,920	...	330	Myitkyina district	{ No. 198, dated 30th September 1901	
	Myitkyina "	5,120	...	160	Bhamo "		
	" "	17,920	...	...	Katha "		{ No. 241, dated 15th November 1901
	Katha "	72	13,440	524	Myitkyina "		
	Myingyan "	...	2	...	Kyaukse "	No. 592—3 T.-23, dated 17th September 1902	
Lower Burma	Thaton "	22,047	22,047	...	Hanthawaddy "	{ No. 2005, dated 4th July 1901	
		17,614	75,004	39,492	Pegu "		
United Provinces	Kheri "	53	848	25	Bahraich "	{ No. 485, dated 5th May 1902	
	Montgomery "	31	489	201	Jhang "		
Punjab	Hazara "	197,304	416,781	1,59,290	Rawalpindi "	{ No. 994, dated 17th October 1901	
	D. I. Khan "	380,330	3,614,916	2,92,291	Mianwali "		
	Bannu "	368,690	1,380,207	1,89,533	" "	{ No. 995, dated 17th October 1901	
	D. I. Khan "	67,105	245,623	21,656	D. G. Khan "		
	Karachi "	188,115	1,488,580	4,60,545	Larkana "		
Sind	Sukkur "	603,847	1,743,009	20,23,890	" "	No. 4942, dated 16th July 1901	

1902-03

Upper Burma	Sagaing district	3,193	8,979	9,956	Mandalay district	{ No. 276, dated 1st December 1902
Bengal	Faridpur "	1,660	1,775	264	Dacca "	
Punjab	Dacca "	7,870	18,200	8,650	Faridpur "	{ Notification, dated 17th September 1902
	Mianwali "	2,019	14,744	924	D. G. Khan "	
Sind	Hyderabad "	4,783	25,916	15,604	Thar and Parkar district	{ No. 321, dated 30th March 1903
	" "	42,229	161,558	1,76,259	" "	
Central Provinces	Saugor "	3,036	9,589	1,510	Narsinghpur district	No. 4876 B., dated 22nd July 1903
					" "	No. 5111, dated 11th September 1902

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APPENDIX B—continued

STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES—continued

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

INTERNAL TRANSFERS—continued

1906-07

Upper Burma	Sagaing district	11,891	23,570	7,404	Myingyan district	No. 225, dated 1st August 1906
Bengal	Hughli "	453	1,030	...	Bardwan "	No. 334, dated 4th May 1906
	Khulna "	373	373	878	24-Parganas "	} No. 2147, dated 30th June 1906
153		153	(a)	Jessore "		
United Provinces	Saharanpur "	...	35	89	Minzaffarnagar,	No. 137—III—256 C., dated 29th January 1903
	Meerut "	85	4,343	330	Moradabad "	No. 540—I—100, dated 1st March 1907
	Etah "	69	1,022	7	Budaun "	} No. 1765—I—952, dated 7th June 1906
Budaun "		451	6,832	346		
Punjab	Montgomery,	2,992	(b) 9,082	1,004	Lahore "	No. 195, dated 20th February 1906
	" "	943	2,486	422	Lyallpur "	No. 118, dated 2nd February 1907, No. 516, dated 20th May 1907, and No. 770, dated 15th August 1907
	Jhang "	13,501	29,940	6,681	Shahpur "	No. 139, dated 12th February 1907
Sind	Thar and Parkar district	3,967	18,633	10,958	Hyderabad "	No. 7399, dated 2nd August 1906, and No. 12055, dated 21st December 1906, and No. 743, dated 24th January 1907
Berar	Akola district	4,826	11,558	971	Buldana "	} No. 5572, dated 19th August 1905
	" "	...	4,192	...	Yeotmal "	
Madras	Coimbatore "	1,337	13,151	1,112	Nilgiris "	No. 132 J., dated 7th March 1906
	Malabar "	332	373	2,793	Anjengo "	No. 271 P., dated 18th May 1906

1907-08

Upper Burma	Pakokku district	33	320	73	Myingyan district	Village Proceedings No. 8 of 1907
Lower Burma	Toungoo "	64	778	127	Pegu "	No. 265, dated 31st July 1907
Eastern Bengal	Rangpur "	(a)	9,872	(a)	Maimensing "	No. 400 R., dated 21st Feb. 1908
Punjab	Jalandhar "	(a)	22	(a)	Kapurthala State	No. 828, dated 8th March 1905
	Montgomery district	45	155	25	Lyallpur district	No. 410, dated 2nd June 1908
Sind	Thar and Parkar district	399	3,199	835	Hyderabad "	Nos. 7421, dated 29th July 1907, and 11598, dated 26th November 1907
	Hyderabad district	(a)	110	(a)	Thar and Parkar district	No. 11598, dated 26th November 1907
Central Provinces	Narsinghpur "	(a)	8	(a)	Saugor district	No. 123-D., dated 8th June 1908, and No. 881-D., dated 30th July 1907
	Chanda "	139,006	(c) 986,169	3,695	Drug "	No. 576-A.—1-51, dated 4th March 1907, and No. 1101, dated 27th June 1907
Madras	Coimbatore "	67	160	48	Nilgiris "	No. 44 Rev., dated 21st January 1907

(a) No information

(b) The transfer of this area was made in February 1906, but only 4,733 acres were shown erroneously in the return for 1905-06, the whole area transferred, 9,082 acres, has been shown in the return for 1906-07

(c) Excluding unsurveyed area (186,871 acres)

## APPENDIX B—concluded

## STATEMENT of CHANGES in DISTRICT, DIVISIONAL, and PROVINCIAL BOUNDARIES—concluded

PROVINCE	District or division from which transferred	AREA TRANSFERRED AND LAND REVENUE THEREOF			District or division to which transferred	Number and date of notification of transfer
		Area in acres		Land revenue R		
		Cultivated	Total			
<b>INTERNAL TRANSFERS—concluded</b>						
<b>1908-09</b>						
Upper Burma	Myingyan district	1,644	1,644	11	Pakòkku district	No. 593—1 T—11, dated 19th May 1909
Bengal	Hooghly "	248	495	(a)	Nadia "	No. 3254, dated 22nd August 1908
	Hoshiarpur "	4	9	7	Ambala "	No. 798, dated 17th December 1908
Punjab	Ludhiana "	169	1,847	267	Hoshiarpur "	No. 602, dated 6th October 1908
	Montgomery "	2,702	4,328	1,561	Lyallpur "	No. 634, dated 23rd October 1908
	Mianwali "	185,169	1,546,906	1,24,239	Muzaffargarh "	No. 211, dated 9th February 1909
Sind	Thar and Parkar district	1,488	13,555	3,283	Hyderabad "	Nos. 10782, dated 23rd October 1908, 11018, dated 30th October 1908, and 4751 A., dated 11th May 1908
	Hyderabad district	360	1,080	811	Thar and Parkar district	No. 4751 A., dated 11th May 1908
Central Provinces	Nimar "	7,879	29,479	2,626	Betul district	No. 3367, dated 25th November 1908
<b>1909-10</b>						
Lower Burma	Amherst district	919	1,920	1,388	Thaton district	No. 334, dated 23rd October 1909
Bengal	Nadia "	(a)	1,939	(a)	Hooghly "	No. 4719, dated 14th December 1909
	Bansore "	(a)	1,747	(a)	Cuttack "	No. 572 Jur., dated 7th February 1910
Punjab	Montgomery "	23	46	25	Lyallpur "	No. 587, dated 20th August 1909
	Lahore "	218,129	(b) 568,468	1,71,373	Gujranwala "	No. 677 S., dated 18th June 1910
Bombay	Dangs States	(a)	(a)	224	Khandesh "	No. 8281, dated 24th August 1909
	Satara district	5,451	5,816	2,070	Sholapur "	No. 11462, dated 26th November 1909
Madras	Kurnool "	(a)	59	14	Anantapur "	No. 262, dated 23rd June 1909
	Cuddapah "	2,155	2,321	2,443	Kurnool "	No. 135, dated 24th March 1909
	Madura "	401,385	2,426,586	6,37,715	Ramnad "	No. 281, dated 24th May 1910
	Tinnevely "	437,366	732,640	5,64,882	" "	Ditto ditto
<b>1910-11</b>						
Bengal	Bhagalpur district	Two villages	(c)	(c)	Purnea district	No. 269 Jur., dated 17th January 1911
Eastern Bengal and Assam.	Jalpaiguri "	(a)	863	(a)	Rangpur "	No. 497 P. L., dated 4th February 1911.
United Provinces	Almora "	2,103	16,318	354	Naini Tal "	No. 1818-I-605, dated 1st September 1910
	Montgomery "	1,247	3,808	899	Lyallpur "	No. 2429, dated 15th September 1910
Punjab	Lyallpur "	289	1,835	79	Montgomery "	No. 450, dated 24th July 1911
	Shahpur "	66,835	195,848	40,375	Gujrat "	No. 222, dated 27th March 1911
Bombay	Thana "	137	397	868	Kolaba "	No. 4528, dated 18th May 1910
	Thar and Parkar	...	6	...	Hyderabad "	No. 5608, dated 21st June 1910
Sind	Cuddapah district	244,549	740,992	1,95,586	Anantapur "	No. 381 Rev., dated 16th July 1910
	Chingleput "	1,259	5,753	3,165	Nellore "	No. 29 Rev., dated 12th January 1911
Madras	Cuddapah "	216,530	1,067,455	4,24,019	Chittoor "	No. 130 Pub., dated 7th March 1911
	North Arcot "	329,874	2,564,337	7,95,608	Do.	No. 127 Pub., dated 7th March 1911
	Salem "	156,944	845,171	1,94,242	North Arcot "	No. 129 Pub., dated 7th March 1911
	South Arcot "	194,530	646,222	3,87,853	Do.	No. 128 Pub., dated 7th March 1911
	Salem "	224,856	441,939	4,12,722	Trichinopoly "	Nos. 358 Rev., dated 1st July 1910 and 475 Rev., dated 10th September 1910
	Coimbatore "	225,861	391,776	3,78,679	" "	No. 474 Rev., dated 10th September 1910
	Tinnevelly "	37,581	46,939	25,667	Ramnad "	Nos. 564 and 565 Rev., dated 18th October 1910
	Ramnad "	1,334	1,908	2,042	Tinnevelly "	Nos. 566 and 567 Rev., dated 18th October 1910.

(a) No information  
(b) To be given effect to in 1910-11  
(c) Figures not available

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GOVERNMENT OF INDIA  
DEPARTMENT OF REVENUE AND AGRICULTURE

*AGRICULTURAL STATISTIC*  
OF  
INDIA

FOR THE YEARS  
**1906-1907 TO 1910-1911**

IN TWO VOLUMES  
I.— BRITISH INDIA      II.— PRINCIPAL STATES

**VOLUME I**



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