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Twenty-fifth Issue]

GOVERNMENT OF INDIA
DEPARTMENT OF REVENUE AND AGRICULTURE

AGRICULTURAL STATISTICS

OF

INDIA

FOR THE YEARS

1904-05 TO 1908-09

IN TWO VOLUMES:

I.—BRITISH INDIA

II.—NATIVE STATES

VOLUME I



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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 present quinquennium (1901-02 to 1906-07) are 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 present quinquennium 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 88 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 and Assam* were shown separately. In the present returns figures for Assam and the districts 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

* Appendix B of previous issues.

modifying the provisional estimates previously adopted by the Agricultural Department, which are in part a reproduction of the estimates of 1893. 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 1,890 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, 1,795 lbs., has been reduced to 1,233 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 8,348 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 1,446 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 128 inches.

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.

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 Unirrigated Both	1,117 932 1,028	575 ... ...	... ... ...	300......	...
Lower Burma	Unirrigated	1,176	...	...	...	...
Eastern Bengal and Assam	" { (a) 1,064 (b) 1,120 (c) 673	784	672	...	...	...
Bengal*	{ (a) 1,234 (c) 800 (d) 984 (e) 861 (f) 451	881	...	...	...	...
United Provinces	{ Irrigated Unirrigated Both	1,050 800 850	1,250 850 1,050	1,800 900 1,100	650 ...	650 ...
Ajmer-Merwara	{ Irrigated Unirrigated Both	...	...	1,107 763 1,046	562 424 429	...
Punjab	{ Irrigated Unirrigated Both	1,183 771 1,060	994 619 818	1,063 662 786	561 447 479	595 445 462
North-West Frontier	{ Irrigated Unirrigated Both	1,202 ...	842 540 618	1,314 689 818	828 826 478	693 482 497
Sind	Irrigated	...	1,229	1,076	1,238	776
Bombay	{ Irrigated Unirrigated Both	...	1,260 510 575	...	1,550 670	...
Central Provinces and Berar	{ Irrigated Unirrigated Both	579	600	...	638...	...
Madras	{ Irrigated Unirrigated	1,115 926	...	...	1,118 647	1,020 611
Cong	Unirrigated	1,507	...	...	...	...
Mysore	{ Irrigated Unirrigated	879...	...	...	...	...

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 B—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

AVERAGE YIELD OF CROPS
(ALL PROVINCES)

APPENDIX A—continued

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

PROVINCE		Ragi	Maiise	Peas	Arhar	Gram	Linseed
Upper Burma	{ Irrigated Unirrigated Both	...	...	824	...	778	...
Lower Burma	Unirrigated	...	...	...	...	...	...
Eastern Bengal and Assam	"	...	...	...	...	840	448
Bengal	{ Irrigated Unirrigated	820	820	...	881	881	492
United Provinces	{ Irrigated Unirrigated Both	...	1,050	1,160 600 1,000	750	950 800 800	500
Ajmer-Merwara	{ Irrigated Unirrigated Both	...	965 960 714	...	...	...	...
Punjab	{ Irrigated Unirrigated Both	...	1,170 850 1,001	...	...	884 666 701	...
North-West Frontier	{ Irrigated Unirrigated Both	...	1,841 745 1,342	...	...	884 488 489	...
Sind	Irrigated	...	...	...	...	469	...
Bombay	{ Irrigated Unirrigated Both	1,400 1,060 ...	...	...	...	1,200 410 ...	360
Central Provinces and Berar	{ Irrigated Unirrigated Both	...	...	...	...	525	205
Madras	{ Irrigated Unirrigated	1,405 965	...	...	...	...	...
Mysore	{ Irrigated Unirrigated	562	...	...	...	229	...

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)	Rapese and mustard	Sugarcane (gur)	Cotton (cleaned)
Upper Burma	{ Irrigated Unirrigated Both	224	...	88
Lower Burma	Unirrigated	...	...	...
Eastern Bengal and Assam	"	448	448	126
Bengal	{ Irrigated Unirrigated	400	492	155
United Provinces	{ Irrigated Unirrigated Both	280	600	220 180 160
Ajmer-Merwara	{ Irrigated Unirrigated Both	...	...	169 30 110
Punjab	{ Irrigated Unirrigated Both	404 205 254	1,607 1,288 1,584	78 64 74
North-West Frontier	{ Irrigated Unirrigated Both	...	516 398 407	169 78 142
Sind	Irrigated	418	590	308
Bombay	{ Irrigated Unirrigated Both	400	625	100
Central Provinces and Berar	{ Irrigated Unirrigated Both	230	...	100
Madras	{ Irrigated Unirrigated	444 270	6,089	68 44
Mysore	{ Irrigated Unirrigated	215	3,279	89

APPENDIX A-i

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

DISTRICT	Rice	Wheat	Jawar	Gram	Til or jinjili (sesamum)	Cotton (cleaned)	Pear
UPPER BURMA—							
Mandalay	{ Irrigated Unirrigated	1,250 910	518	...	...	...	...
Bhamo	{ Irrigated Unirrigated	1,650 1,250	...	...	...	...	...
Shwebo	{ Irrigated Unirrigated	900 920	295	240	705	320	65
Myitkyin	{ Irrigated Unirrigated	1,235 1,025	...	...	...	...	...
Sagaing	{ Irrigated Unirrigated	750 800	554	250	425	180	100
Katha	{ Irrigated Unirrigated	1,485 1,200	...	...	...	...	...
Lower Chindwin	{ Irrigated Unirrigated	1,000 750	...	445	...	135	55
Upper Chindwin	{ Irrigated Unirrigated	1,000 1,100	...	...	...	...	...
Pakokku	{ Irrigated Unirrigated	1,200 1,010	...	850	1,165	215	...
Thayetmyo	{ Irrigated Unirrigated	1,200 920	...	...	...	315	90
Minbu	{ Irrigated Unirrigated	1,300 1,560	954	620	975	295	...
Magwe	{ Irrigated Unirrigated	950 700	...	265	...	200	...
Kyaukse	{ Irrigated Unirrigated	1,250 ...	...	...	...	100	...
Meiktila	{ Irrigated Unirrigated	600 ...	...	260	...	250	75
Yamethin	{ Irrigated Unirrigated	1,200 1,000	...	205	475	300	...
Myingyan	{ Irrigated Unirrigated	800 750	...	410	575	155	75
Average for the Province	{ Irrigated Unirrigated Both	1,117 932 1,028	575	200	778	224	8
LOWER BURMA— (all unirrigated)							
Akyab	.	1,200					
Kyaikpyu	.	1,000					
Hanthawaddy	.	1,100					
Sandoway	.	1,275					
Pegu	.	1,100					
Tharawadi	.	1,425					
Prome	.	1,200					
Maubin	.	1,500					
Pyapon	.	1,200					
Bassein	.	1,190					
Henzada	.	1,250					
Myaungmya	.	1,300					
Amherst	.	1,100					
Tavoy	.	800					
Mergui	.	1,250					
Toungoo	.	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 (a ² ds)	Spring rice (boro)					
Dacca	1,120	...	...	...	...	...	...	...
Mymensingh	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	672	}	...	...	...	...	...	...
Transplanted	896		...	...	...	...	...	...
Goalpara	1,008	...	...	...	...	...	...	...
Khasi and Jaintia Hills	560	...	...	...	...	...	...	...
Kamrup { Broadcast	560	}	...	...	...	...	...	...
Transplanted	896		...	...	...	...	...	...
Garo Hills { Broadcast	560	}	...	...	...	...	...	...
Transplanted	896		...	...	...	...	...	...
Darrang—Broadcast	560	...	...	...	...	...	...	...
Nowrang . . . .	...	...	...	...	...	...	...	...
Sibsagar—Transplanted	896	...	...	...	...	...	...	...
Lakhimpur { Broadcast	560	}	...	...	...	...	...	...
Transplanted	896		...	...	...	...	...	...
Hill Tippera State . . . .	...	...	...	...	...	...	...	...
Average for the Province	1,064	672	1,120	784	672	840	936	840

APPENDIX A—ii—continued

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

DISTRICT	Mung	Matikalai	Rape and mustard	Linseed	Til or jinjili (sesame)	Sugarcane (gur)	Cotton (cleaned)	Jute	Suan hemp
Dacca	448	...	...	2,240	...	...	...
Maimensingh	448	...	...	2,240	...	...	...
Faizpur	448	...	...	3,360	...	...	...
Backerganj	448	...	...	2,240	...	...	...
Chittagong	448	...	...	2,240	...	...	...
Chittagong Hill Tracts	128	...	...
Noskhali	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	...	...
Nowrang	504	...	...	1,344	80	...	...
Sibsagar	560	...	...	1,344	80	...	...
Lakhimpur	560	...	...	2,340	80	...	...
Hill Tippera State	80	...	...
Average for the Province	448	560	448	448	448	2,688	128	1,200	800

APPENDIX A—iii

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

DISTRICT	WINTER RICE		AUTUMN RICE		Wheat	Barley	Maike
	Transplanted	Broadcast	Transplanted	Broadcast			
Bardwan . . { Irrigated Unirrigated . .	1,017 759	856 893	957 1,050	710 800	... 878	... 828	......
Birbhum . . { Irrigated Unirrigated . .	885 864	1,120 ...	1,260 988	...	......	......	......
Bankura . . { Irrigated Unirrigated . .	1,676 1,531	... ...	1,448 884	......	......	......	......
Midnapur . . { Irrigated Unirrigated . .	957 885	1,081 822	... 690	... 540	......	......	......
Hooghly . . { Irrigated Unirrigated . .	1,306 957	883 1,070	822 938	1,060 967	......	......	......
Howrah . . { Irrigated Unirrigated . .	1,139 1,039	......	......	......	......	......	......
24-Parganas . . { Irrigated Unirrigated . .	1,039 943	... 969	... 1,129	... 1,014	......	......	......
Nadia . . { Irrigated Unirrigated . .	... 805	... 801	... ...	... 835	... 829	... 1,234	......
Murshidabad . . { Irrigated Unirrigated . .	908 1,024	... 899	... ...	... 744	809 883	... 883	......
Jessore . . { Irrigated Unirrigated . .	... 1,145	892 653	... ...	708 870	......	......	......
Khulna . . { Irrigated Unirrigated . .	1,171 1,283	1,361 ...	1,010 ... <td>665 ...</td> <td>... ...</td> <td>... ...</td> <td>... ...</td>	665
Patna . . { Irrigated Unirrigated . .	843 929	... 476	... ...	... ...	1,066 1,226	1,471 1,096	1,481 1,245
Gaya . . { Irrigated Unirrigated . .	1,122 845	731 797	... ...	... ...	1,008 826	...	...
Shahabad . . { Irrigated Unirrigated . .	804 701	829 464	... ...	... ...	754 679	794 635	855 942
Saran . . { Irrigated Unirrigated . .	574 642	489 882	... ...	... ...	857 743	919 893	1,009
Champaran . . { Irrigated Unirrigated . .	... 947	... 773	... ...	... 722	... 844	... 780	... 901
Muzaffarpur . . { Irrigated Unirrigated . .	856 921	... 986	... ...	... 1,670	... 790	1,496 1,081	... 978
Darbhanga . . { Irrigated Unirrigated . .	968 742	... 609	... ...	... ...	... 586	... 579	... 1,060

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 (gur)	Cotton (cleaned)	Jute
Bardwan	Irrigated	...	...	...	...	14,788	8,076	...	...
	Unirrigated	...	489	...	...	513	...	...	...
Birbhum	Irrigated	...	...	...	...	...	5,743	...	...
	Unirrigated	...	...	...	...	...	...	...	...
Bankura	Irrigated	...	...	...	...	...	2,179	...	...
	Unirrigated	...	...	...	...	...	...	...	...
Midnapur	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	...	...	...	...	1,646
Hooghly	Irrigated	...	...	...	...	15,428	4,878	...	...
	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	809	...	...	1,326
Murshidabad	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	...	626	...	823	628	...	...	1,319
Jessore	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	456	408	...	5,491	...
Kbulna	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	...	...	...	...	1,302
Patna	Irrigated	1,040	709	...	978	...	...	3,060	...
	Unirrigated	879	924	855	506	...	...	...	...
Gaya	Irrigated	...	752	...	...	329	...	2,469	...
	Unirrigated	846	670	...	...	...	...	...	...
Shahabad	Irrigated	...	745	...	...	...	...	...	...
	Unirrigated	...	666	...	...	...	...	...	...
Saran	Irrigated	789	...	877	...	...	...	...	...
	Unirrigated	730	...	631	...	...	...	2,445	107
Champaran	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	...	...	930	...	...	...	...	...
Muzaffarpur	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	790	...	987	...	...	...	...	104
Darbhanga	Irrigated	617	...	...	...	...	...	...	...
	Unirrigated	895	780	582	460	...	3,505	...	42

AVERAGE YIELD OF CROPS
(BENGAL)

380

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 Unirrigated . .	756 597	... 572	... ...	... ...	1,275 825	... 933	1,520
Bhagalpur . . { Irrigated Unirrigated . .	878 871	... 678	... 672	740 708	1,112 724	1,440 617	623 881
Purnea . . { Irrigated Unirrigated . .	... 905	... 566	... ...	... 796	1,028	......	......
Darjeeling . . { Irrigated Unirrigated . .	1,119 880	... ...	809 617	500 618	... ...	... ...	1,477
Santal Parganas { Irrigated Unirrigated . .	1,099 1,001	1,018 797	... ...	293 ...	642 705	... 747	1,343 970
Cuttack . . { Irrigated Unirrigated . .	1,275 1,063	1,157 1,010	... ...	1,120 880	......	......	......
Balasore . . { Irrigated Unirrigated . .	764 694	1,006 802	......	......	......	......	......
Angul . . { Irrigated Unirrigated . .	1,259 1,083	755 1,093	748 765	... 586	... ...	... ...	1,279
Puri . . { Irrigated Unirrigated . .	1,461 ...	1,280 903	... ...	784 638	......	......	......
Sambalpur . . { Irrigated Unirrigated . .	1,388 971	840 826	1,542 1,250	890 716	......	......	......
Hazaribagh . . { Irrigated Unirrigated . .	... 804	... 540	... ...	... ...	... ...	... 362	1,025
Ranibhi . . { Irrigated Unirrigated . .	1,248 1,084	1,204 1,002	... ...	... 680	... ...	... ...	1,219
Palamau . . { Irrigated Unirrigated . .	895 1,116	... ...	... ...	... ...	... 708	... 551	... 753
Mânbum . . { Irrigated Unirrigated . .	1,439 1,226	1,639 1,050	1,810 682	680 506	... ...	... ...	1,998
Sieghbhumi . . { Irrigated Unirrigated . .	1,393 729	1,254 1,126	... 1,183	... 688	......	......	......
Average for the { Irrigated Province (a) Unirrigated . .	1,080 936	1,002 818	1,111 912	743 782	940 784	1,224 779	1,000 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

APPENDIX A—iv

AVERAGE YIELD (*t_b* 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 Garhwal Dehra-Dun }	Irrigated Unirrigated	1,600 1,400	1,250 1,000	......	......	......	......
Moradabad { Moradabad Saharanpur Bijnor Bareli }	Irrigated Unirrigated	1,050 800	1,250 800	1,300 1,000	... 650	... 500	1,000 1,000
Muzaffarnagar { Muzaffarnagar Meerut }	Irrigated Unirrigated	1,000 800	1,250 850	1,500 1,000	... 600	... 450	1,000 800
Bulaundshahr { Bulaundshahr Aligarh }	Irrigated Unirrigated	1,000 700	1,300 900	1,500 900	... 650	... 650	1,000 800
Mainpuri { Mainpuri Etah Etawah Farrukhabad }	Irrigated Unirrigated	950 600	1,250 700	1,300 800	... 650	... 500	1,000 1,200
Muttra { Muttra Agra }	Irrigated Unirrigated	850 550	1,200 700	1,400 750	... 650	... 650	1,000 800
Budaon { Budaon Shahjahanpur }	Irrigated Unirrigated	950 750	1,150 800	1,250 950	... 600	... 550	1,000 1,100
Sitapur { Sitapur Hardoi }	Irrigated Unirrigated	1,000 700	1,250 800	1,300 1,100	... 650	... 550	950 900
Bahaisoh { Bahraich Pilibhit Kheri }	Irrigated Unirrigated	1,050 900	1,300 1,050	1,300 1,100	... 600	... 550	1,000 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.

Peas	Arhar	Linseed	Til or jinjili (sesamum)	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)	Indigo (dye)	DISTRICT
...	Irrigated Unirrigated
...	Naini Tal Almora Garhwāl Dehra-Dūn } Almora
750	2,450	...	18	Irrigated Unirrigated
600	...	400	920	480	...	110	...	Moradabad Saharanpur Bijnor Bareli } Moradabad
800	2,800	200	19	Irrigated Unirrigated
550	350	490	...	140	...	Muzaffarnagar Meerut } Muzaffarnagar
1,000	2,400	200	19	Irrigated Unirrigated
650	850	490	...	130	...	Bulandshahr Aligarh } Bulandshahr
800	2,050	230	15	Irrigated Unirrigated
550	410	...	...	160	...	Mainpuri Etākh Etawāh Farukhabad } Mainpuri
650	2,000	230	15	Irrigated Unirrigated
400	410	...	...	150	...	Muttra Agra } Muttra
650	2,400	...	18	Irrigated Unirrigated
400	...	400	820	480	...	110	...	Budaun Shahjahanpur } Budaun
1,000	2,700	...	...	Irrigated Unirrigated
650	650	600	800	570	...	110	...	Sitapur Hardoi } Sitapur
850	2,000	...	...	Irrigated Unirrigated
600	800	500	830	700	...	110	...	Bahraich Pilibhit Kheri } Bahraich

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
Unaо	Unaо	Irrigated	1,000	1,200	1,400	...	...	1,000
	Lucknow	Unirrigated	700	600	700	650	650	950
	Rae-Bareli							900
Sultanpur	Sultanpur							
	Barabanki	Irrigated	1,100	1,250	1,500	...	...	1,000
	Partábgarh	Unirrigated	800	650	800	650	650	950
Fatehpur	Fyzabad							
	Fatehpur	Irrigated	1,050	1,250	1,300	...	...	1,000
	Cawnpore	Unirrigated	800	600	700	650	550	1,000
Benares	Allahabad							
	Benares	Irrigated	1,000	1,100	1,200	...	...	800
	Jaunpur	Unirrigated	700	600	800	650	500	800
Ballia	Mirzapur							
	Ballia	Irrigated	1,250	1,250	1,200	...	...	950
	Ghazipur	Unirrigated	900	750	800	650	650	1,000
Basti	Azamgarh							
	Basti	Irrigated	1,050	1,250	1,300	...	...	900
	Gonda	Unirrigated	850	800	750	650	400	1,000
Jhansi	Gorakhpur							
	Jhansi	Irrigated	800	850	1,000	...	...	700
	Jalaun	Unirrigated	650	650	500	550	400	650
Banda								
	Banda	Irrigated	800	800	1,000	...	...	800
	Hamirpur	Unirrigated	650	500	550	400	650	750
Average for the Province		Irrigated	1,050	1,250	1,300	...	...	950
		Unirrigated	800	850	900	650	1,050	800
		Both	850	1,050	1,100	...	...	800

Peas	Athar	Linseed	Til or jinjili (sesamum)	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)	Indigo (dye)	DISTRICT
1,150	...	...	...	...	2,600	...	...	Irrigated
650	700	400	300	490	...	110	...	Unirrigated
1,200	...	...	...	...	2,600	...	20	Irrigated
650	850	500	390	...	...	110	...	Unirrigated
800	...	...	...	...	2,150	...	17	Irrigated
550	50	400	320	...	...	120	...	Unirrigated
1,200	...	...	...	...	2,450	...	19	Irrigated
650	700	600	280	...	...	100	...	Unirrigated
1,200	...	...	...	...	3,200	...	19	Irrigated
650	800	650	280	660	...	100	...	Unirrigated
1,200	...	...	...	...	2,400	...	19	Irrigated
600	650	500	280	570	...	100	...	Unirrigated
...	...	...	...	...	1,500	...	...	Irrigated
...	—	400	280	...	...	120	...	Unirrigated
...	...	...	...	...	1,500	...	...	Irrigated
...	600	600	280	...	...	120	...	Unirrigated
1,150 60 1,000	... 750 ...	... 500 ...	... 28 ...	... 600 ...	2,600	220 130 160	18	Irrigated Unirrigated Both
Average for the Province								

APPENDIX A-v

AVERAGE YIELD (t_b per acre) of PRINCIPAL CROPS in each DISTRICT of the PANJAB

DISTRICT	Rice (husked)	Wheat	Barley	Jawar	Bajra
Hissar	{ Irrigated Unirrigated . . .	960 ... 460	720 720	780 760	420 600
Rohtak	{ Irrigated Unirrigated . . .	1,280 ... 580	1,000 1,000	1,000 800	820 420
Gurgoan	{ Irrigated Unirrigated . . .	... 900 ... 600	... 1,200 600	800 624	500 440
Delhi	{ Irrigated Unirrigated . . .	920 ... 960	1,120 960	960 650	800 400
Karnal	{ Irrigated Unirrigated . . .	910 630	920 620	850 450	460 280
Ambala	{ Irrigated Unirrigated . . .	1,400 880	1,060 960	800 520	480 360
Simla	{ Irrigated Unirrigated . . .	... 480 ... 460	.........	.........	.........
Kangra	{ Irrigated Unirrigated . . .	1,200 800	600 560	700 530	......
Hoshiarpur	{ Irrigated Unirrigated . . .	1,000 670	840 520	740 460	580 350
Jalandhar	{ Irrigated Unirrigated . . .	1,100 600	1,400 900	1,000 500	......
Ludhiana	{ Irrigated Unirrigated . . .	468 468	1,084 560	1,012 364	414 ...
Ferozpur	{ Irrigated Unirrigated . . .	950 480	1,350 800	800 700	650 450
Multan	{ Irrigated Unirrigated . . .	900 ...	1,200 850	800 560	600 400
Jhang	{ Irrigated Unirrigated . . .	480 480	840 600	850 600	520 400
Mianwali	{ Irrigated Unirrigated . . .	800 ...	1,000 800	1,040 560	640 440
Lyallpur	{ Irrigated Unirrigated . . .	... ...	1,000 480	... ...	640 480
Montgomery	{ Irrigated Unirrigated . . .	1,120 1,120	800 600	800 600	400 274
Lahore	{ Irrigated Unirrigated . . .	1,500 520	1,200 800	1,200 900	420 410
Amritsar	{ Irrigated Unirrigated . . .	1,600 720	1,280 900	1,000 600	400 360
Gurdaspur	{ Irrigated Unirrigated . . .	1,360 720	1,280 800	1,000 800	400 320
Sialkot	{ Irrigated Unirrigated . . .	1,440 1,000	1,000 700	1,200 900	500 400
Gujrat	{ Irrigated Unirrigated . . .	1,220 1,220	800 560	890 644	540 540
Gujranwala	{ Irrigated Unirrigated . . .	1,200 620	840 560	640 320	420 240
Shahpur	{ Irrigated Unirrigated . . .	960 800	960 800	1,040 720	650 400
Jhelum	{ Irrigated Unirrigated . . .	... ...	960 560	1,150 660	......
Rawalpindi	{ Irrigated Unirrigated . . .	900 ...	800 480	880 640	720 400
Attock	{ Irrigated Unirrigated . . .	800 ...	800 480	800 640	720 360
Dehra Ghazi Khan	{ Irrigated Unirrigated . . .	800 760	640 590	800 620	440 280
Muzaffargarh	{ Irrigated Unirrigated . . .	1,000 760	820 520	780 700	360 320
Average for the Province		1,183	994	1,053	561
Incase		771	619	562	417
Both		1,080	816	786	479

Maize	Graam	Rapeseed	Sugarcane (gār)	Cotton (cleaned)	DISTRICT
...	580	360	...	200	Irrigated
...	580	240	...	96	Unirrigated } Hissar
...	1,120	360	2,560	160	Irrigated
...	740	240	720	60	Unirrigated } Rohtak
...	820	400	...	144	Irrigated
...	614	280	...	96	Unirrigated } Gurgaon
840	820	400	2,500	144	Irrigated
840	600	280	1,440	84	Unirrigated } Delhi
980	820	560	1,520	132	Irrigated
690	540	360	720	96	Unirrigated } Karnal
1,000	640	560	2,000	144	Irrigated
1,000	1,000	350	1,840	140	Unirrigated } Ambala
...	...	...	...	...	Irrigated }
...	...	...	...	...	Unirrigated } Simla
900	...	480	..	48	Irrigated
1,100	...	380	...	48	Unirrigated } Kangra
1,000	820	480	2,200	144	Irrigated
660	426	360	1,800	96	Unirrigated } Hoshiarpur
1,700	1,000	...	2,300	192	Irrigated
1,000	900	...	1,800	132	Unirrigated } Jalandhar
1,296	800	560	2,200	168	Irrigated
560	400	400	1,800	84	Unirrigated } Ludhiana
1,800	1,300	600	...	120	Irrigated
600	800	400	...	84	Unirrigated } Ferozpur
...	800	240	1,440	100	Irrigated
...	440	240	...	96	Unirrigated } Multan
800	640	560	960	120	Irrigated
700	480	240	400	80	Unirrigated } Jhang
784	800	560	...	108	Irrigated
...	600	480	...	72	Unirrigated } Mianwali
800	...	560	1,500	120	Irrigated
560	...	240	...	...	Unirrigated } Lyallpur
960	460	480	...	120	Irrigated
480	480	400	...	72	Unirrigated } Montgomery
1,300	800	450	1,700	132	Irrigated
480	1,000	300	1,000	72	Unirrigated } Lahore
1,300	820	580	1,900	200	Irrigated
720	900	320	1,000	120	Unirrigated } Amritsar
1,240	820	580	1,700	192	Irrigated
780	680	320	1,000	120	Unirrigated } Gurdaspur
1,200	600	480	1,300	170	Irrigated
800	470	320	1,250	96	Unirrigated } Sialkot
860	600	320	1,040	144	Irrigated
620	600	260	780	90	Unirrigated } Gujrāt
800	640	320	1,170	120	Irrigated
700	640	320	800	72	Unirrigated } Gujranwala
960	580	480	1,600	156	Irrigated
480	580	400	400	78	Unirrigated } Shabpur
1,040	800	560	...	144	Irrigated
...	600	360	...	72	Unirrigated } Jhelum
1,100	600	400	782	140	Irrigated
900	400	300	266	120	Unirrigated } Rawalpindi
1,000	500	480	782	120	Irrigated
900	420	340	266	120	Unirrigated } Attock
800	960	240	260	84	Irrigated
...	480	200	...	60	Unirrigated } Dera Ghazi Khan
...	400	240	1,200	84	Irrigated
...	400	240	...	72	Unirrigated } Muzaffargarh
1,170	884	404	1,607	78	Irrigated
850	656	205	1,288	64	Unirrigated } Average for the Prov-
1,001	701	254	1,534	74	Both }

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 Unirrigated	1,234 ...	741 473	782 535	...	494 329
Peshawar	{ Irrigated Unirrigated	1,166 ...	839 580	1,257 760	828 326	...
Kohat	{ Irrigated Unirrigated	...	828 494	823 535	...	1,029 507
Bannu	{ Irrigated Unirrigated	...	741 514	700 453	...	617 412
Dera Ismail Khan	{ Irrigated Unirrigated	...	840 561	913 611	...	648 508
Average for the Province	{ Irrigated Unirrigated Both	1,202 ...	842 540 618	1,214 689 818	823 326 478	693 482 497

DISTRICT		Maize	Gram	Rape and mustard	Sugarcane (<i>gur</i>)	Cotton (cleaned)
Hazara	{ Irrigated Unirrigated	1,316 741	...	432 339	1,975	93 57
Peshawar	{ Irrigated Unirrigated	2,218 ...	...	551 455	2,917	185
Kohat	{ Irrigated Unirrigated	1,029 617	453 453	329 247	...	103 67
Bannu	{ Irrigated Unirrigated	864 ...	741 412	412 288	1,975	113 57
Dera Ismail Khan	{ Irrigated Unirrigated	...	...	391	...	160 87
Average for the Province	{ Irrigated Unirrigated Both	1,841 745 1,342	884 498 439	516 398 407	2,673	109 73 112

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 jinjili (sesamum)	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)
Karachi	1,093	1,279	1,222	482	325	480	426	4,320	...
Hyderabad	828	960	1,719	1,280	373	515	621	4,146	255
Sukkur	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 Parker	1,436	1,518	...	516	...	393	426	...	360
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	Barley	Jawar	Maize	Cotton (cleaned)
Ajmer	Irrigated	1,131	600	1,110
	Unirrigated	1,020	239	1,660
Merwara	Irrigated	1,084	525	821
	Unirrigated	507	609	260
Average for the Province	Irrigated	1,107	562	985
	Unirrigated	763	424	960
	Both	1,046	429	714

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	1,507	2,452

APPENDIX A-x

AVERAGE YIELD (*lb 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	1,800 580	(a)1,080	840	1,440	...	500 350
Kaira	{ Irrigated Unirrigated	1,920	1,800 600	(a)1,050	970	1,440	...	500 ...
Panch Mahals	{ Irrigated Unirrigated	1,200	1,800 700	...	825	1,420	1,190	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	880	900	...	1,200 500 380
Násik	{ Irrigated Unirrigated	1,080	1,920 460	(b)1,400 520	360	1,400 850	...	1,200 360 360
Ahmadnagar	{ Irrigated Unirrigated	1,040	1,360 460	(b)1,800 (b)540	340	1,400 900	...	1,200 360 360
Poona	{ Irrigated Unirrigated	1,120	1,080 360	(b)1,500 500	340	900	...	1,200 320 360
Sholapur	{ Irrigated Unirrigated	900	1,080 400	(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	1,200 560	800	400	900	...	400 360
Bijapur	{ Irrigated Unirrigated	800	1,080 400	540	320	...	...	340 360
Dharwar	{ Irrigated Unirrigated	1,140	1,600	900	450	1,200	...	600 360
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 (gur)	Cotton (cleaned)	Rape and mustard	Spelt	Kodra	Groundnut	District
... 400	6,000	125	640	...	1,320	...	Irrigated Unirrigated } Ahmadabad
	
... 400	6,000	115	675	...	1,275	...	Irrigated Unirrigated } Kaira
	
... 400	5,000	100	600	...	1,130	...	Irrigated Unirrigated } Panch Mahals
	
... 450	7,000	130	...	...	1,025	...	Irrigated Unirrigated } Broach
	
... 400	7,000	120	...	...	1,120	3,000	Irrigated Unirrigated } Surat
	
... 400	7,000	90	...	1,600	900	3,000	Irrigated Unirrigated } Khandesh
	
... 400	7,000	90	...	1,500	...	3,000	Irrigated Unirrigated } Nasik
	
... 400	7,000	90	...	1,500	...	3,000	Irrigated Unirrigated } Ahmadnagar
	
... 400	7,000	90	...	1,500	...	3,000	Irrigated Unirrigated } Poona
	
... 400	7,000	90	...	1,500	...	3,000	Irrigated Unirrigated } Sholapur
	
... 400	7,000	90	...	1,500	...	3,000	Irrigated Unirrigated } Satara
	
... 400	7,000	100	...	1,500	...	3,000	Irrigated Unirrigated } Belgaum
	
... 400	7,000	90	...	1,500	...	3,000	Irrigated Unirrigated } Bijapur
	
... 400	7,000	100	...	1,500	...	3,000	Irrigated Unirrigated } Dharwar
	
... 400	7,000	...	...	...	{ (a) 1,540 (b) 640 }	...	Irrigated Unirrigated } Tanna
	...	...	...	...	{ (a) 1,600 (b) 800 }	...	
... 400	4,000	...	...	...	{ (a) 1,860 (b) 675 }	...	Irrigated Unirrigated } Kolaba
	...	...	...	...	{ (a) 1,860 (b) 675 }	...	
... 400	7,000	...	...	...	{ (a) 1,860 (b) 675 }	...	Irrigated Unirrigated } Ratnagiri
	...	...	...	...	{ (a) 1,860 (b) 675 }	...	
... 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 (BREKED) (a)		Wheat	Jowar	Gram	Kodon and kutki (millets) cleaned (b)	Linseed	Til or jingili (sesame)	Sugarcane (gur)	Cotton (cleaned) (c)
	Transplanted	Broad-cast								
Saugor . { Irrigated	549	549	600 {	550	480	225	280	160 {	1,500 {	... 60
Unirrigated . : } 549			580 {	560	450	225	200	150 {	1,200 {	... 60
Damoh . { Irrigated	488	488	620 {	400	560	225	250	160 {	1,200 {	... 67
Unirrigated . : } 488			580 {	350	560	225	200	150	1,500	... 60
Mandla . { Irrigated	488	488	620 {	450	560	225	250	150	1,500	... 60
Unirrigated . : } 488			580 {	350	560	225	200	150	1,500	... 60
Seoni . { Irrigated	915	915 {	620 {	450	560	225	250	150	1,500	... 60
Unirrigated . : } 610 537			580 {	350	560	225	200	150	1,500	... 60
Narsingpur . { Irrigated	427	427	660 {	450	580	200	280	200 {	1,200 {	... 80
Unirrigated . : } 427			620 {	450	520	200	250	250 {	1,200 {	... 80
Nimar . { Irrigated	610	610 {	900	300	480	175	200	250	8,500	... 107
Unirrigated . : } 610			640	300	480	175	200	250	... 107	
Betul . { Irrigated	427	427 {	1,000	450	480	225	200	180	8,500	... 80
Unirrigated . : } 427			620	450	480	225	200	180	... 80	
Chhindwara . { Irrigated	427	427 {	1,000	600	480	225	220	180	8,500	... 100
Unirrigated . : } 427			600	600	480	225	220	180	... 100	
Wardha . { Irrigated	427	427 {	1,000	700	580	175	300	350	3,000	... 107
Unirrigated . : } 427			580	700	580	175	300	350	... 107	
Nagpur . { Irrigated	976	915	1,000	600	580	175	280	350	8,000	... 100
Unirrigated . : } 610 537			580	600	580	175	280	350	... 100	
Chanda . { Irrigated	1,037	915	600 {	650	550	175	260	300	4,000	... 90
Unirrigated . : } 610 537			600 {	650	550	175	260	300	... 90	
Bhandara . { Irrigated	976	915	450 {	450	480	175	230	300	1,500	... 50
Unirrigated . : } 610 537			450 {	450	480	175	230	300	... 50	
Balaghát . { Irrigated	976	915	550 {	860	550	175	230	300	1,500	... 60
Unirrigated . : } 610 537			550 {	860	550	175	230	300	... 60	
Raipur . { Irrigated	976	915	600 {	850	460	275	200	150 {	3,000 {	... 60
Unirrigated . : } 610 537			600 {	850	460	275	200	150 {	3,000 {	... 60
Bilaspur . { Irrigated	976	915	600 {	850	450	275	200	150 {	2,500 {	... 60
Unirrigated . : } 610 537			600 {	850	450	275	200	150 {	2,500 {	... 60
Durg . { Irrigated	976	915	600 {	850	450	275	200	150 {	1,200 {	... 50
Unirrigated . : } 610 537			600 {	850	450	275	200	150 {	1,200 {	... 50
Average for the Central Provinces . { Irrigated	...	...	...	...	520	235	195	215	...	...
Unirrigated . : } Both	580	580	600	...	...	...	...	...	2,800	...
Akola . { Irrigated	427	427	560 {	660	550	175	380	800	9,000	... 100
Unirrigated . : } 427			560 {	660	550	175	380	800	... 100	
Amravati . { Irrigated	427	427	580 {	660	550	175	380	300	9,000	... 100
Unirrigated . : } 427			580 {	660	550	175	380	300	... 100	
Buldana . { Irrigated	427	427	580 {	660	550	175	330	900	3,000	... 100
Unirrigated . : } 427			580 {	660	550	175	330	900	... 100	
Yeotmal . { Irrigated	427	427	580 {	660	550	175	230	800	9,000	... 100
Unirrigated . : } 427			580 {	660	550	175	230	800	... 100	
Average for Berar . { Irrigated	...	...	...	...	550	175	830	300	9,000	... 100
Unirrigated . : } Both	430	430	680	...	...	...	...	...	... 100	...
Average for Central Provinces and Berar . { Irrigated	...	...	...	...	525	235	205	230	...	...
Unirrigated . : } Both	580	580	600	...	...	...	...	...	2,890	...

(a) The yield reported in unhusked rice has been reduced by 89 per cent

(b) The yield reported in uncleared Kodon and Kutki has been reduced by 50 per cent

(c) The yield reported in uncleared cotton has been reduced by 66·6 per cent

APPENDIX A-xii

AVERAGE YIELD (lb 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	...	...	726	...	5,518	...
Unirrigated .	556	...	659	676	252	...	...
Vizagapatam .{ Irrigated	693	...	...	693	573	6,229	...
Unirrigated .	...	...	866	1,074	480	...	...
Godavari .{ Irrigated	1,007	650	...	907	582	5,605	...
Unirrigated .	...	901	636	901	251	...	...
Kistna .{ Irrigated	1,010	976	...	1,594	586	4,528	...
Unirrigated .	...	781	655	640	330	...	61
Guntur .{ Irrigated	1,037	...	617	1,489	...	...	...
Unirrigated .	...	458	482	...	...	...	88
Nellore .{ Irrigated	1,034	1,230	1,270	1,427	386	...	...
Unirrigated .	370	628	...	1,452	289	...	25
Karnul .{ Irrigated	1,285	...	...	1,102	...	5,713	...
Unirrigated .	...	706	662	597	267	...	40
Bellary .{ Irrigated	1,191	...	...	519	196	8,511	...
Unirrigated .	...	429	445	...	...	...	42
Anantapur .{ Irrigated	1,383	1,429	...	1,683	...	8,131	...
Unirrigated .	...	481	361	1,819	83	...	31
Cuddapah .{ Irrigated	1,288	1,031	1,298	1,625	363	7,761	...
Unirrigated .	...	973	772	1,089	...	...	45
North Arcot .{ Irrigated	1,248	1,297	...	1,913	896	9,181	...
Unirrigated .	...	434	636	882	247	...	...
Chingleput .{ Irrigated	1,012	...	610	1,122	506	...	...
Unirrigated .	...	...	783	699	260	...	...
South Arcot .{ Irrigated	1,070	...	...	1,310	386	4,093	...
Unirrigated .	1,158	...	703	1,074	347	...	...
Salem .{ Irrigated	1,304	1,145	...	1,666	251	6,147	...
Unirrigated .	...	747	571	981	258	...	23
Coimbatore .{ Irrigated	1,329	828	1,185	1,398	377	7,728	...
Unirrigated .	...	889	488	1,091	386	...	47
Trichinopoly .{ Irrigated	1,316	1,612	752	1,126	844	3,807	...
Unirrigated .	...	439	729	526	173	...	38
Tanjore .{ Irrigated	954	...	1,262	1,065	334	...	...
Unirrigated .	...	...	697	633	297	...	...
Madura .{ Irrigated	1,458	1,024	738	1,549	499	7,280	66
Unirrigated .	...	748	588	872	272	...	51
Tinnevelly .{ Irrigated	1,448	1,353	...	1,272	420	2,120	...
Unirrigated .	...	695	524	...	284	...	64
Nilgiris .{ Irrigated	...	...	...	...	...	...	...
Unirrigated .	1,238	...	...	1,112	...	...	...
Malabar .{ Irrigated	950	...	...	...	...	...	...
Unirrigated .	685	...	...	1,598	916	...	...
South Canara .{ Irrigated	860	...	...	...	...	...	...
Unirrigated .	891	...	...	...	...	...	...
Average for the Province.		Irrigated	1,115	1,118	1,020	1,405	444
		Unirrigated	926	647	611	955	270

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

AVERAGE YIELD OF CROPS
(MYSORE)

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APPENDIX A-xiii

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

	DISTRICT	Rice (husked)	Bagi	Horse gram	Til or jinjili (sesamum)	Sugarcane (gur)	Cotton (cleaned)
Bangalore	Irrigated	623	...	...	...	9,534	...
	Unirrigated . . . . .	...	599	273	430	...	...
Kolar	Irrigated	964	...	...	...	5,436	...
	Unirrigated . . . . .	...	749	281	207	...	...
Tumkur	Irrigated	779	...	...	...	3,314	...
	Unirrigated . . . . .	...	459	164	63	...	15
Mysore	Irrigated	1,259	...	...	...	3,195	...
	Unirrigated . . . . .	...	599	270	231	...	29
Hassan	Irrigated	785	...	...	...	2,449	...
	Unirrigated . . . . .	...	612	211	314	...	...
Shimoga	Irrigated	623	...	...	...	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 Province	Irrigated	879	...	...	...	3,279	...
	Unirrigated . . . . .	...	562	229	216	...	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 Rs				
		Cultivated	Total					
EXTERNAL TRANSFERS								
1891-92	{ Nil							
1892-93								
1893-94								
Lower Burma	(a)	24,360	1,512,960	(b)	(a) Upper Burma	Not notified; transferred for purposes of land law only.		
United Provinces	Ghazipur district	8,763	8,320	6,471	Shahabad, Bengal	No. 1729-I—853 B., dated 8th July 1892.		
1894-95								
Bombay	Belgaum "	4	4	4	Sanghi State (Southern Maharashtra Agency)	No. 9080, dated 11th December 1893, and No. 6073, dated 19th July 1894.		
Central Provinces	Hoshangabad "	81	142	45	Bhopal (Central India)	Not notified.		
1895-96								
Bengal	Shahabad "	467	467	(b)	Ballia United Provinces	No. 47 J., dated 3rd January 1896.		
United Provinces	Jalpaiguri "	(b) 397	1,080	549	Goalpara, Assam	No. 1484 J., dated 10th March 1896.		
Punjab	Benares "		807	212	Shahabad, Bengal.	No. 74-I—971 A., dated 9th January 1896.		
Kohat "	14	4,066	2		Independent territory (Afghanistan)	No. 1039, dated 31st August 1895, to Commissioner, Peshawar.		
1896-97	{ Nil							
1897-98								
1898-99								
1899-1900								
1900-01								
1901-02								
Bengal	(a)	29,061,900	146	20	(a) United Provinces	No. 9316 J., dated 18th May 1901.		
Punjab	(a)		65,809,310	2,86,24,103	(a) N.W. Frontier	No. 6780, dated 25th October 1901.		
1902-03								
United Provinces	(a)	1,912 9,368	4,733	1,734	(a) Bengal	No. 950 J., dated 26th May 1902.		
Bengal	(a)		8,368	319	(a) United Provinces	No. 951 J., dated 26th May 1902.		
1903-04	{ Nil							
1904-05								
United Provinces	Ballia district	827	1,713	840	Saran, Bengal	No. 2809-I—705-1904, dated 6th October 1904.		
Punjab	Hissar "	1,405	1,767	270	Bikaner State	No. 601 S., dated 16th June 1905.		
1905-06								
Bengal	Rajshahi district	1,280,100	1,659,520	10,26,204				
Dinajpur "		1,459,900	2,525,440	15,20,636				
Jalpaiguri "		938,400	1,695,880	7,57,886				
Rangpur "		1,375,900	2,235,520	10,14,826				
Bogra "		622,900	889,760	4,92,093				
Pabna "		865,300	1,176,960	4,08,505				
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	8,20,060				
Backergunge "		1,771,000	2,908,880	17,03,310				
Tippera "		1,209,000	1,599,360	10,90,183	Eastern Bengal and Assam			
Noskhali "		784,800	1,052,160	6,82,691				
Chittagong "		559,800	1,694,815	11,56,004				
Mylta "		718,500	1,215,360	4,36,759				
Chittagong Hill Tracts "		(b)	3,288,820	(b)				
Hill Tippera State		...	2,615,040	...				
Chang Bhakar "	{		578,650			Government of India, Home Department, Notification No. 2838, dated 1st September 1905.		
Korea "			1,043,840					
Sirgusa "			8,896,960					
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 THEREON			District or division to which transferred	Number and date of notification of transfer		
		Area in acres		Land revenue R.				
		Cultivated	Total					

EXTERNAL TRANSFERS—continued

1905-06—contd.

United Provinces	Fallia 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.
	Sambalpur "	1,051,632	2,447,360	1,89,997	Bengal	
	Bamra State		1,272,320			
Central Provinces	Rairakhal "		533,120			Government of India, Home Department, Notification No. 2833, dated 1st September 1906.
	Sonpur "	(a)	579,840	(a)	"	
	Patna "		1,585,360			
	Kalahandi "		2,396,800			
	Chanda district	95	8,725	50	Nizam's Territory	Letter No. 6704, dated 18th October 1905.

1906-07

Nil

1907-08

Bengal	Darjeeling	4	4	(a)	Jalpaiguri, Eastern Bengal and Assam	No. 5735 C., dated 9th May 1907.
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1908-09

Bengal	Shahabad District	...	1,261	1,909	Ballia, United Provinces.	No. 1918 Jar., dated the 10th April 1908.
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INTERNAL TRANSFERS

1891-92

Madras	Bellary district	1,166	12,055	1,866	Anantapur district	No. 226, dated 15th May 1891.
	Tanjore "	18	14	25	Trichinopoly "	No. 807, dated 31st August 1891.

1892-93

Upper Burma	Katha "	1,765	768,000	7,946	Ruby Mines "	No. 814, dated 19th December 1892.
Lower Burma	Bassein "	602	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.
Punjab	Pilibhit "	215	262	450	Bareli "	No. 2596 A.I.—157, dated 7th October 1892.
	Jhang "	3,198	10,562	(a)	Gujrānwāla "	{ No. 624, dated 22nd August 1893.
	Montgomery "	694	3,992	(a)	Jhang "	No. 633, dated 22nd August 1893.
	Gujrānwāla "	2,977	12,723	(a)	Rāwpurindī "	No. 850, dated 15th August 1893.
	Hazāra "	9	25	8		

1893-94

Upper Burma	Katha district	(a)	256,000	(a)	Bhamo district	No. 173, dated 1st August 1893.
	Upper Chindwin district	100	320,000	(a)		
	Shwesu district	(a)	6,400	(a)	Ruby Mines "	No. 299, dated 19th December 1893.
	Sagaing "	(a)	1,920	1,701	Lower Chindwin district	Not notified (see letter No. 2883-T.8, dated 12th January 1893).

Lower Burma	Mingyan district	443,829	2,391,680	5,24,557	Eastern division	
	Piñmene "	29,162	1,632,000	1,20,511	Yamethin district	
	Thòngwa "	127,300	1,044,154	2,77,140	Myaungmya "	{ No. 239, dated 19th October 1893.
	Bassein "	208,180	875,302	3,05,263	Southern division	
	Thayetmyo "	144,936	3,047,040	2,48,110		
United Provinces	Budaun "	688	1,529	685	Sahajahānpur district	No. 592-I—157A., dated 1st March 1894.
	Ghazipur "	30,520	36,810	40,075	Ballia district	No. 590-I—87B., dated 8th March 1894.
	Muzaffargarh "	3,082	9,438	8,662	Multan "	{ No. 440, dated 15th June 1893.
Punjab	Multan "	2,997	9,590	2,960	Muzaffargarh,	No. 623, dated 22nd August 1893.
	Gujrānwāla "	2,977	12,723	744	Jhang "	No. 624, dated 22nd August 1893.
	Jhang "	3,198	10,662	790	Gujrānwāla "	No. 601, dated 28th August 1894.
	"	327	1,219	860	Shāhpur "	No. 624, dated 22nd August 1893.
	Montgomery "	...	3,675	(a)	Gujrānwāla "	No. 968, dated 28th December 1893.
	Lahore "	...	899	(a)	" "	
Sind	Shikarpur "	14,334	60,939	20,132	Karachi "	No. 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)	Nāgpur "	No. 2142, dated 3rd May 1894.
	Ganjam "	127	901	147	Vizagapatam "	No. 461, dated 7th September 1893.
Madras	Madras "	262	1,040	595	Chingleput "	{ No. 439, dated 10th October 1892.
	North Arcot "	...	(b) 160,000	...	" "	{ No. 117, dated 7th March 1893.
						No. 474, dated 16th September 1893.

(a) No information

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

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

1894-95

Bengal	Dacca district	(a)	9,600	(b)	Faridpur district	No. 4172 J., dated 6th November 1894.
United Provinces	Etah "	180	3,848	810	Budaun "	2362 No. I-157-A., dated 28th August 1894.
	Ghazipur "	275	545	379	Ballia "	1913 No. I-87-B., dated 16th July 1894.
Panjab	Hazára "	...	120	(a)	Ráwlpindi "	No. 87, dated 1st February 1895.
Bombay and Sind	Násik "	440	3,048	125	Khandesh "	No. 5087, dated 13th June 1894.
	Poona "	...	161	(a)	Tanna "	Following on settlement of boundary by Survey Department.
Madras	Karachi "	68	3,836	103	Hyderabad "	Sanctioned by the Commissioner in Sind; notification not quoted.
	Hyderabad "	49,116	452,736	1,14,039	Thar and Párkar 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 "	69,315,840	1,968,640	2,67,870	Central division	} No. 65, dated 27th March 1895.
	Ye-u "	102,251	3,592,000	2,58,353	Shwebo district	
Lower Burma	Myitkyina "	300	320,000	1,450	Upper Gáindwin district	} No. 178, dated 19th August 1895.
	Pakokku "	2,000	2,000	9,033	Myingyan district	
Bengal	Bhamo "	208	5,209,628	1,44,855	Myitkyina "	} No. 65, dated 27th March 1895.
	Shwegyin "	105,062	716,683	1,58,144	Pegu "	
Panjab	" "	93,154	1,762,087	38,923	Toungoo "	} No. 130, dated 2nd July 1895.
	Amherst "	124,982	994,560	1,91,755	Thatón "	
	Pegu "	817,743	2,548,480	5,71,791	" Hanthawady "	
	" "	870,065	489,186	9,08,570		
Bengal	Shahabad "	(a)	2,648	8,933	Patna "	No. 854 J., dated 1st July 1895.
Panjab	Gujránwála "	161	755	198	Gujrat "	No. 479, dated 23rd June 1896.
	Kohát "	11,769	101,406	3,670	Pesháwar "	No. 45, dated 29th January 1896.

1896-97

Upper Burma	Yaméthio Myingyan "	13,000	33,641	3,644	Meiktila Minbu "	No. 168, dated 1st September 1896.
	" "	494	494	1,284	"	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	(a)	109,440	(b)	Rajshahi "	} No. 6248 J., dated 22nd December 1896.
	Bogra "	(a)	59,520	(b)	"	
United Provinces	Naini Tal "	1,508	4,313	354	Almora "	No. 4090—I-723, dated 28th October 1896.
Panjab	Gujránwála "	936	1,834	(a)	Jhang "	No. 158, dated 16th March 1897.
	" "	200	1,150	209	Gujrat "	No. 479, dated 23rd June 1896.
Bombay and Sind	Dharwar "	191	1,199	459	Kanara "	No. 415, dated 15th January 1896
	Ratnágiri "	2	3	(a)	Awantwadi State "	No. 4406, dated 14th November 1895
	Karachi "	...	1,299	(a)	Hyderabad district	No. 6288A, dated 11th August 1896
Central Provinces	Hoshangabad, Nagpur "	126,569	363,769	31,815	Nimar Chhindwára "	No. 3298, dated 24th August 1896,
	" "	...	707	(a)	"	No. 3102, dated 17th May 1896, and No. 2092, dated 3rd June 1896.

(a) No information

(b) 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 R				
		Cultivated	Total					

INTERNAL TRANSFERS—continued

1897-98

Upper Burma	Pakokku 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	(a)	2,560	(a)	Balasore Cuttack	} No. 2935 J., dated 18th May 1896.
	Balasore	"	640	(a)	"	
Panjab	Ambala	20,240	357,731	2,37,373	Karnal	No. 564, dated 17th September 1897.
	Muzaffargarh	"	842	1,000	Multan	No. 181, dated 24th March 1898.
Central Provinces	Hoshangabad	...	1,215	(a)	Betul	No. 4521, dated 22nd December 1897.

1898-99

Upper Burma	Pakokku "	112,000	112,000	6,650	Minbu	"
	Sagam	1,581	1,581	2,480	Mandalay	"
	Myingyan	474	8,275	1,268	Meiktila	"
Bengal	Faridpur	676	5,376	931	Tippera	"
United Provinces	Etah	47	860	20	Budanî	"
	Jhang	6,031	18,178	8,490	Multan	"
	Montgomery	"	605,586	(a)	Jhang	"
	"	10,552	23,578	(a)	Gujrâwala	"
Panjab	Lahore	975	4,450	(a)	"	"
	Simla	816	660	427	Ambala	"
	Jalandhar	404	2,690	280	Ludhiana	"
	Ludhiana	874	1,220	616	Jalandhar	"
Sind	Hyderabad	"	3	6	Thar and Pârkar	No. 147, dated 10th January 1899.
Central Provinces	Mandla	...	1,665	85	Bâlâghât district	No. 3620, dated 11th October 1898.

1899-1900

Upper Burma	Myingyan	249	1,466	729	Minbu	"
	Myaungmya	865	2,973	1,902	Thôngwa	"
	Henzada	76	519	122	"	No. 73, dated 15th May 1899.
	Myaungmya	23,616	46,918	48,158	Bassein	No. 21, dated 8th February 1900.
	Thôngwa	1,198	3,937	2,635	"	No. 72, dated 15th May 1899.
	Bassein	4,906	23,482	7,747	Myaungmya	No. 73, dated 15th May 1899.
	Henzada	708	708	902	Prome	No. 72, dated 15th May 1899.
	Thaton	545	7,680	600	Tharawadi	No. 143, dated 7th August 1899.
		...	6,447	...	Pegu	No. 197, dated 1st November 1899.
	Bijnor	...	1,465	50	Muzaffarnagar	Enroachment of the Sittang River.
United Provinces	"	...	306	1	"	No. 8864-I-993-C., dated 8th November 1899.
	Moradabad	...	54	9	Bulandshahr	No. 2015-I-629-D., dated 27th June 1900.
Panjab	Jhang	2,908	5,446	...	Gujrâwala	No. 3867-I-992-C., dated 8th November 1899.
	D. G. Khan	"	582	3	Muzaffargarh	No. 1108, dated 9th December 1899.
		7				No. 590, dated 28th June 1900, and Erratum No. 553, dated 11th September 1897.

(a) No information

CHANGES IN BOUNDARIES
(ALL PROVINCES)

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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	R		

INTERNAL TRANSFERS—continued

1900-01

Upper Burma	Ruby Mines district	35,840	...	...	Mandalay district	No. 137, dated 2nd July 1900.
	Mandalay "	7,040	...	...	Ruby Mines "	No. 5046 R., dated 9th December 1898.
Assam	Nágá Hills "	...	502,568	...	Nowgong "	No. 5647 R., dated 9th December 1898, and No. 1528 R., dated 80th April 1900.
	Nowgong "	...	1,207,462	1,836	Sibságar "	No. 813, dated 6th September 1900.
Panjab	Ráwlpindi "	196,800	416,781	1,59,820	Hazára "	No. 4802, dated 1st August 1900.
	Hyderabad "	...	98,863	...	Thar and Párkar district	
Sind	Thar and Párkar district	451	8,093	1,139	Hyderabad district	
	Shikárpur district	7,323	35,067	19,773	Khairpur State	No. 341, dated 19th July 1900
	Khairpur State	1,575	9,073	4,494	Shikárpur district	
	" "	...	134,600	...	Thar and Párkar district	(under treaty).

1901-02

Upper Burma	Bhamo district	83,920	...	930	Myitkyina district	No. 198, dated 20th September 1901.
	Myitkyina "	5,120	...	160	Bhamo "	No. 241, dated 15th November 1901.
	Kathá "	17,920	...	...	Katba "	No. 692-3 T.-23, dated 17th September 1902.
	Myingyan "	72	19,440	524	Myitkyina "	
	" "	...	2	...	Kyanké "	
Lower Burma	Thatón "	22,047	22,047	...	Hanthawaddy "	
United Provinces	Kherí "	17,614	75,004	39,492	Pegu "	No. 2005, dated 4th July 1901.
	Montgomery "	53	848	25	Bahraich "	No. 485, dated 5th May 1902.
Panjab	Hazára "	31	489	201	Jhang "	No. 994, dated 17th October 1901.
	D. I. Khan "	197,304	416,781	1,59,290	Ráwlpindi "	No. 995, dated 17th October 1901.
	Bannu "	380,330	9,614,916	2,92,291	Mianwali "	No. 992, dated 17th October 1901.
Sind	D. I. Khan "	368,690	1,380,207	1,49,533	D. G. Khan "	
	Karachi "	67,105	245,623	21,666	New district of Larkaua "	No. 4942, dated 16th July 1901.
	Sukkur "	188,115	1,488,580	4,60,545	" "	
	" "	603,847	1,743,009	20,23,890		

1902-03

Upper Burma	Sagaing "	8,193	8,979	9,966	Mandalay district	No. 276, dated 1st December 1903.
Bengal	Faridpur "	1,660	1,775	264	Dacca "	Notification, dated 17th September 1902.
Panjab	Dacca "	7,870	18,200	8,650	Faridpur "	No. 321, dated 30th March 1903.
Sind	Mianwali "	2,019	14,744	924	D. G. Khan "	No. 4876 E, dated 22nd July 1903.
Central Provinces	Hyderabad "	4,783	23,915	15,604	Tbar and Párkar district	
	" "	42,229	161,558	1,76,259	Narsinghpur district	No. 5111, dated 11th September 1902.
	Saugor "	3,036	9,589	1,510	" "	

1903-04

Upper Burma	Myinseyan "	674	2,220	1,899	Minbu district	No. 172, dated 20th July 1903.
	Hanthawaddy "	4,932	5,760	21,818	Rangoon Town	No. 47, dated 15th March 1903.
Lower Burma	Old Thóngwa "	80,119	112,044	2,01,529	Myaungmya district	
	Myaungmya "	80,316	824,631	1,87,688	Naubin "	
United Provinces	Old Thóngwa "	321,737	730,086	6,60,339	" "	Nos. 214, 215, 219, and 221, dated 7th September 1903.
	Bijuor "	554,489	1,376,225	16,32,161	Pwapon "	
	Fyzabad "	253	2,444	252	Muzaffarnagar "	No. 1609—I—C55, dated 14th June 1904.
	Montgomery "	830	1,574	872	Gonda "	No. 1630—I—G54, dated 16th June 1904.
Panjab	Ráwlpindi "	791,063	1,030,273	4,30,423	Attock "	No. 842 and 843, dated 11th March 1904.
	Jhelum "	303,107	766,411	1,38,829	" "	
Central Provinces	Ludhiana "	127	175	205	Jalandhar "	No. 718, dated 2nd June 1904.
Madras	Balaghat "	2,117	8,962	547	Mandla "	No. 2177, dated 18th April 1904.
	Salem "	1·6	1·6	·7	Trichinopoly "	No. 463, dated 12th November 1903.

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								
Upper Burma	Myingyan district	174	646	948	Pakokku district	No. 211, dated 12th September 1904		
	Upper Chindwin district	95	216,064	514	Myitkyina ..	No. 143, dated 7th July 1904		
Lower Burma United Provinces	Pyapón district	2,793	3,193	7,427	Myaungmya ..	No. 225, dated 16th October 1904		
	Gorakhpur ..	16,122	33,165	22,286	Azamgarh ..	No. 1962—I. 241-1904, dated 19th July 1904		
Panjab	Ferozepore ..	1,907	10,090	1,580	Montgomery ..	No. 696, dated 3rd July 1905		
	Montgomery district	19,064	52,200	7,258	Lyallpur ..	Nos. 1546 and 1548, dated 17th December 1904, and Nos. 2425 and 2426, dated 20th September 1905		
	Gujranwala district	638	2,225	212	.. ..	No. 1544, dated 17th December 1904	
Central Provinces	Jhang ..	11,903	136,937	2,835	Shahpur ..	No. 918, dated 18th July 1904		
	" ..	39,195	52,710	20,727	Lyalpur ..	No. 1545, dated 17th December 1904		
	Lyallpur ..	3,664	19,868	1,622	Jhang ..	No. 1549, dated 17th December 1904		
Madras	Hoshangabad ..	8,367	219,988	2,786	Nimar ..	No. 5887, dated 21st September 1904		
	Godavari ..	517,752	1,482,980	31,17,805	Kistna ..	{ No. 454 (Public), dated 10th September 1904		
Nellore	Kistna ..	1,661,026	3,160,581	53,48,675	Guntur ..			
	Nellore ..	223,363	509,792	4,84,943	.. ..		
<i>No change</i>								
Bengal	Chota Nagpur Division— Gangapur State	(a)	1,594,880	(a)	Orissa Division	Government of India, Home Department, Notification No. 2633, dated 1st September 1905		
	Bonai ..		829,440			No. 1059, dated 22nd November 1905		
Panjab	Ferozepur district	597	2,688	568	Lahore district	No. 195, dated 20th February 1906		
	Lahore ..	371	2,276	382	Ferozepur ..	Nos. 2428 and 2426, dated 20th September 1905		
	Montgomery ..	2,868	4,733	978	Lahore ..	No. 459, dated 30th April 1906		
Bombay	" ..	6,087	15,602	5,839	Lyallpur ..	{ No. 249, dated 9th March 1906		
	" ..	47	60	80	Attock ..	No. 7684 A., dated 23rd September 1905		
	Shahpur ..	9	1,849	...	Mianwali ..	No. 6280 B., dated 2nd August 1905		
Sind	" ..	4	62	...	Bijapur ..	No. 178, dated 6th April 1906		
	Delgaum ..	20,928	23,836	7,624	Hyderabad ..			
Madras	Karaohi ..	488	1,059	754	Ganjam ..			
	Vizagapatam ..	128	128	541				
1906-07								
Upper Burma	Sagaing district	11,891	23,570	7,404	Myingyan district	No. 225, dated 1st August 1906		
	Hugli ..	458	1,080	...	Bardwan ..	No. 384, dated 4th May 1906		
Bengal	Khulna ..	373	973	878	24-Parganas ..	{ No. 2147, dated 30th June 1906		
	Saharanpur ..	153	168	(a) 89	Jessore ..	No. 137-III-256 C., dated 29th January 1908		
United Provinces	Meerut ..	...	35	99	Muzaffarnagar ..	No. 640—I-100, dated 1st March 1907	
	Etah ..	85	4,343	330	Moradabad ..	{ No. 1765—I-952, dated 7th June 1906		
	Budahn ..	69	1,022	7	Budaun ..	No. 195, dated 20th February 1906		
	Montgomery ..	451	6,332	346	Etah ..	No. 118, dated 2nd February 1907,		
	" ..	2,992	(b) 9,082	1,004	Labore ..	No. 516, dated 20th May 1907,		
Panjab	" ..	943	2,486	422	Lyallpur ..	and No. 770, dated 15th August 1907		
	Jhang ..	13,501	29,940	6,681	Shahpur ..	No. 139, dated 12th February 1907		
Sind	Thar and Parker district	3,967	18,683	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	Baldana ..	{ No. 5572, dated 19th August 1905		
	" ..		4,192	...	Yeotmal ..	No. 132 J., dated 7th March 1906		
Madras	Coimbatore ..	1,397	13,151	1,112	Nilgiris ..	No. 271 F., dated 18th May 1906		
	Malabar ..	332	378	2,793	Anjengo ..			

(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

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		
		Cultivated	Total	R		

INTERNAL TRANSFERS—concluded

1907-08						
Upper Burma	Pakokku district	33	320	73	Mingyan district	Village Proceedings No. 8 of 1907.
Lower Burma	Toungoo "	64	778	127	Pegu "	No. 265, dated 31st July 1907.
Eastern Bengal	Rangpur "	(a)	9,873	(a)	Maimensing "	No. 400 R., dated 21st Feb. 1908.
Panjab	Jalandhar "	(a)	23	(a)	Kapurthala State	No. 829, dated 8th March 1906.
	Montgomery district	45	155	25	Lyallpur district	No. 410, dated 2nd June 1908.
Sind	Thar and Parker district	399	3,199	835	Hyderabad "	Nos. 7421, dat-d 29th July 1907, and 11598, dated 26th November 1907.
	Hyderabad district	(a)	110	(a)	Thar and Parker district	No. 11598, dated 26th November 1907.
	Narsinghpur "	(a)	8	(a)	Savoor district	No. 128-D., dated 8th June 1908, and No. 881-D., dated 30th July 1907.
Central Provinces	Chanda "	139,006	(c) 386,169	3,695	Drug "	No. 576-A.—1-51, dated 4th March 1907 and No. 1101, dated 27th June 1907.
Madras	Coimbatore "	67	160	43	Nilgiris "	No. 44 Rev., dated 21st January 1907.

1908-09						
Upper Burma	Mingyan District	1,644	1,644	4,411	Pakokku District	No. 593—I-T—II, dated the 19th May 1909.
Bengal	Hooghly "	248	495	(a)	Nadia "	No. 9254, dated the 22nd August 1908.
	Hoshiarpur "	4	9	7	Ambala "	No. 798, dated the 17th December 1908.
Panjab	Ludhiana "	169	1,847	267	Hoshiarpur "	No. 602, dated the 6th October 1908.
	Montgomery "	2,702	4,328	1,561	Lyallpur "	No. 634, dated the 23rd October 1908.
	Mianwali "	185,169	1,546,906	1,24,239	Muzaffargarh "	No. 211, dated the 9th February 1909.
Sind	Thar and Parker district	1,488	13,585	3,283	Hyderabad "	Nos. 10,782, dated 23rd October 1908, 11,018, dated 30th October 1908, and 4751 A, dated 11th May 1908.
	Hyderabad district	360	1,080	811	Thar and Parker district	No. 4751 A., dated 11th May 1908.
Central Provinces	Nimar "	7,879	29,479	2,626	Betul district	No. 3367, dated the 25th November 1908.

(a) No information

(c) Excluding unsurveyed area (196,871 acres)