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[Twenty-sixth Issue]

GOVERNMENT OF INDIA
DEPARTMENT OF REVENUE AND AGRICULTURE

AGRICULTURAL STATISTICS

OF

INDIA

FOR THE YEARS

1905-06 TO 1909-10

IN TWO VOLUMES:

I.—BRITISH INDIA

II.—NATIVE STATES

VOLUME I



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

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1911

CONTENTS

	PAGE
PREFATORY NOTE	1-4
VERNAICULAR TERMS USED IN THE EXPLANATORY NOTES	5-8
SUMMARY OF THE AGRICULTURAL STATISTICS OF BRITISH INDIA	8-9

AREA

EXPLANATORY NOTES TO TABLE NO. 1	10-12
--	-------

PROVINCIAL TOTALS

TABLE NO. 1. British India	13-15
--------------------------------------	-------

DISTRICT TOTALS

Table	No. 1--	A Upper Burma	16-17
"	"	B Lower Burma	18-19
"	"	C Assam	20-21
"	"	D Eastern Bengal	22-23
"	"	E Bengal	24-27
"	"	F Agra	28-31
"	"	G Oudh	32
"	"	H Ajmer-Merwara	33
"	"	I N.-W. Frontier Province	33
"	"	J Panjab	34-36
"	"	K Sind	37
"	"	L Bombay	38-39
"	"	M Central Provinces	40-41
"	"	N Berar	42
"	"	O Madras	43-45

CLASSIFICATION OF AREA

EXPLANATORY NOTES TO TABLE NO. 2	46-49
--	-------

PROVINCIAL TOTALS

TABLE NO. 2. British India	50-53
--------------------------------------	-------

DISTRICT TOTALS

Table	No. 2--	A Upper Burma	54-57
"	"	B Lower Burma	58-61
"	"	C Assam	62-63
"	"	D Eastern Bengal	64-67
"	"	E Bengal	68-75
"	"	F Agra	76-83
"	"	G Oudh	84-85
"	"	H Ajmer-Merwara	86-87
"	"	I Panjab	88-95
"	"	J N.-W. Frontier Province	96-97
"	"	K Sind	98-99
"	"	L Bombay	100-108
"	"	M Central Provinces	104-107
"	"	N Berar	108-109
"	"	O Madras	110-113

AREA UNDER CROPS AND SPECIFICATION OF CROPS

	PAGE
EXPLANATORY NOTES TO TABLE No. 3	114—116

		PROVINCIAL TOTALS	
TABLE No. 3.	British India		116—128
		DISTRICT TOTALS	
Table	No. 3—A	Upper Burma	124—131
"	"	B Lower Burma	132—139
"	"	C Assam	140—143
"	"	D Eastern Bengal	144—151
"	"	E Bengal	152—167
"	"	F Agra	168—187
"	"	G Oudh	188—195
"	"	H Ajmer-Merwara	196—199
"	"	I Panjab	200—215
"	"	J N.-W. Frontier Province	216—219
"	"	K Sind	220—223
"	"	L Bombay	224—231
"	"	M Central Provinces	232—239
"	"	N Berar	240—249
"	"	O Madras	244—255

LIVE-STOCK, PLOUGHS, AND CARTS

EXPLANATORY NOTES TO TABLE No. 4	256—257
--	---------

		PROVINCIAL TOTALS	
TABLE No. 4.	British India		258—259
		DISTRICT TOTALS	
Table	No. 4—A	Upper Burma	260—261
"	"	B Lower Burma	262—263
"	"	C Assam	
"	"	D Eastern Bengal	264
"	"	E Bengal	265—266
"	"	F Agra	267—268
"	"	G Oudh	
"	"	H Ajmer-Merwara	269
"	"	I Panjab	270—271
"	"	J N.-W. Frontier Province	
"	"	K Sind	272
"	"	L Bombay	273—274
"	"	M Central Provinces	275—276
"	"	N Berar	277
"	"	O Madras	278—279

INCIDENCE OF THE LAND REVENUE ASSESSMENT ON AREA AND POPULATION

EXPLANATORY NOTES TO TABLE No. 5	281—285
--	---------

		PROVINCIAL TOTALS	
TABLE No. 5.	British India		286—297
		DISTRICT TOTALS	
Table	No. 5—A	Upper Burma	298—299
"	"	B Lower Burma	300—301
"	"	C Assam	302—303
"	"	D Eastern Bengal	304—305
"	"	E Bengal	306—309
"	"	F Agra	310—311
"	"	G Oudh	
"	"	H Ajmer-Merwara	312—313
"	"	I Panjab	314—315
"	"	J N.-W. Frontier Province	
"	"	K Sind	316—317
"	"	L Bombay	318—319
"	"	M Central Provinces	320—321
"	"	N Berar	322—323
"	"	O Madras	324—325

TRANSFERS OF LAND

EXPLANATORY NOTES TO TABLE No. 6	PAGE
	326—327
PROVINCIAL TOTALS	
TABLE No. 6. British India	328—331
DISTRICT TOTALS	
Table No. 6—A Upper Burma	332—333
" " B Lower Burma	334—336
" " C Assam	336—337
" " D Fergal	338—341
" " E Agra	342—345
" " F Oudh	346—347
" " G Ajmer-Merwara	348—349
" " H Panjab	350—353
" " I N.-W. Frontier Province	} 354—355
" " J Sind	
" " K Bombay	356—357
" " L Central Provinces	358—361
" " M Berar	362—363
" " N Madras	364—367

APPENDIX

A.—AVERAGE YIELD OF PRINCIPAL CROPS

EXPLANATORY NOTES TO STATEMENT A	PAGE
	371—373
PROVINCIAL AVERAGES	
STATEMENT A.—British India and Mysore	374—376
DISTRICT AVERAGES	
Statement A.— I Burma	377
" " II E. B. and Assam	378—379
" " III Bengal	380—383
" " IV United Provinces	384—387
" " V Panjab	388—389
" " VI N.-W. Frontier Province	} 390
" " VII Sind	
" " VIII Ajmer-Merwara	} 391
" " IX Coorg	
" " X Bombay	392—393
" " XI Central Provinces and Berar	394
" " XII Madras	395
" " XIII Mysore	396

B.—CHANGES IN BOUNDARIES

EXPLANATORY NOTES TO STATEMENT B	PAGE
	397
STATEMENT B.—British India	398—40

APPENDIX

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 on 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 83 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* 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

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 1,283 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 3,348 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 123 inches.

[From experiments since made the average outturn comes to 1,280 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)

374

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)	1,084	} 784	} 672	} ...	} ...
	{ (b)	1,120				
	{ (c)	872				
Bengal*	{ (a)	1,234	} (d) 984	} 881	} ...	} ...
	{ (e)	800				
	{ (f)	800				
United Provinces	{ Irrigated	1,050	1,250	1,300	...	...
	{ Unirrigated	800	850	900	650	550
	{ Both	850	1,050	1,100	...	...
Ajmer-Merwara	{ Irrigated	...	...	1,107	562	...
	{ Unirrigated	...	...	763	424	...
	{ Both	...	...	1,046	429	...
Panjab	{ Irrigated	1,183	994	1,058	561	595
	{ Unirrigated	771	619	652	447	415
	{ 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	} 570	} 600	} ...	} 638	} ...
	{ Unirrigated					
	{ Both					
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	...	...	824	...	778	...
	Both	...	...	...	...	...	...
Lower Burma	Unirrigated	...	...	...	...	...	...
Eastern Bengal and Assam	"	...	...	...	...	840	448
Bengal	Irrigated	820	820	...	881	881	492
	Unirrigated						
United Provinces	Irrigated	...	...	1,150	...	950	...
	Unirrigated	...	1,050	800	750	800	500
	Both	...	...	1,000	...	800	...
Ajmer-Merwara	Irrigated	...	965	...	...	...	...
	Unirrigated	...	960	...	...	...	...
	Both	...	714	...	...	...	...
Panjab	Irrigated	...	1,170	...	...	884	...
	Unirrigated	...	850	...	...	656	...
	Both	...	1,001	...	...	701	...
North-West Frontier	Irrigated	...	1,841	...	...	884	...
	Unirrigated	...	745	...	...	438	...
	Both	...	1,342	...	...	439	...
Sind	Irrigated	...	...	...	...	469	...
Bombay	Irrigated	1,400	...	...	...	1,200	...
	Unirrigated	1,080	...	...	...	410	360
	Both	...	...	...	...	...	...
Central Provinces and Berar	Irrigated	...	...	...	...	...	...
	Unirrigated	...	...	...	...	525	206
	Both	...	...	...	...	...	...
Malras	Irrigated	1,405	...	...	...	...	...
	Unirrigated	955	...	...	...	...	...
Mysore	Irrigated	...	...	...	...	...	...
	Unirrigated	562	...	...	...	229	...

AVERAGE YIELD OF CROPS
(ALL PROVINCES)

376

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 (gur)	Cotton (cleaned)
Upper Burma	...	...	...	...
{ Irrigated	224	...	...	88
{ Unirrigated	...	...	...	...
{ Both	...	...	...	...
Lower Burma	...	...	...	...
Unirrigated	...	...	...	...
Eastern Bengal and Assam	448	448	2,888	126
Bengal	...	492	2,460	155
{ Irrigated	...	...	...	...
{ Unirrigated	...	...	...	...
United Provinces	...	...	2,600	220
{ Irrigated	280	600	...	130
{ Unirrigated	...	...	...	160
{ Both	...	...	...	...
Ajmer-Merwara	...	...	...	169
{ Irrigated	...	...	...	30
{ Unirrigated	...	...	...	110
{ Both	...	...	...	...
Panjab	...	404	1,607	78
{ Irrigated	...	205	1,288	64
{ Unirrigated	...	254	1,534	74
{ Both	...	...	...	...
North-West Frontier	...	516	2,673	169
{ Irrigated	...	398	...	78
{ Unirrigated	...	407	...	142
{ Both	...	...	...	...
Sind	448	590	4,233	308
Bombay	...	...	6,950	...
{ Irrigated	400	625	...	100
{ Unirrigated	...	...	...	...
{ Both	...	...	...	...
Central Provinces and Berar	...	...	2,390	100
{ Irrigated	230	...	...	...
{ Unirrigated	...	...	...	...
{ Both	...	...	...	...
Madras	444	...	6,089	66
{ Irrigated	270	...	...	44
{ Unirrigated	...	...	...	...
Mysore	...	...	3,279	...
{ Irrigated	215	...	...	89
{ Unirrigated	...	...	...	...

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)	Poss
UPPER BURMA—								
Mandalay	{ Irrigated	1,250	...	...	...	...	...	...
	{ Unirrigated	910	518	...	...	195	...	850
Bhamo	{ Irrigated	1,650	...	...	...	...	...	...
	{ Unirrigated	1,250	...	...	...	...	...	...
Shwebo	{ Irrigated	900	...	...	...	...	...	...
	{ Unirrigated	920	295	240	705	920	65	1,395
Myitkyina	{ Irrigated	1,285	...	...	...	...	...	...
	{ Unirrigated	1,025	...	...	...	...	...	...
Sagaing	{ Irrigated	750	...	...	...	...	...	...
	{ Unirrigated	800	554	250	425	180	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	...	...	...	...	...	...
Pakokku	{ Irrigated	1,200	...	...	...	...	...	...
	{ Unirrigated	1,010	...	350	1,165	215	...	1,090
Thayetmyo	{ Irrigated	1,200	...	...	...	...	...	...
	{ Unirrigated	920	...	...	...	315	90	...
Minda	{ Irrigated	1,300	...	...	...	...	...	...
	{ Unirrigated	1,500	954	520	975	295	...	675
Magwe	{ Irrigated	950	...	...	...	...	...	...
	{ Unirrigated	700	...	285	...	200	...	...
Kyaukse	{ Irrigated	1,250	...	...	...	...	...	...
	{ Unirrigated	...	...	...	...	100	...	...
Meiktila	{ Irrigated	600	...	...	...	...	...	...
	{ Unirrigated	...	...	260	...	250	75	...
Yamethin	{ Irrigated	1,200	...	...	...	...	...	...
	{ Unirrigated	1,000	...	205	475	300	...	625
Hyingyan	{ Irrigated	800	...	...	...	...	...	...
	{ Unirrigated	750	...	410	575	155	75	...
Average for the Province	{ Irrigated	1,117	...	...	...	...	...	...
	{ Unirrigated	932	578	300	778	224	8	824
	{ Both	1,029	...	...	...	...	...	...
LOWER BURMA— (all unirrigated)								
Akyab		1,200						
Kyaukpyn		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						
Toungoo		1,400						
Thaton		1,150						
Average for the Province		1,178						

AVERAGE YIELD OF CROPS
(B. B. AND ASSAM)

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>ada</i>)	Spring rice (<i>bora</i>)					
Dacca	1,120	...	...	...	...	...	...	...
Maimensingh	1,120	...	...	...	...	...	...	...
Faridpur	1,232	...	...	...	...	...	...	...
Fackerganj	1,344	...	...	...	...	...	...	...
Chittagong	1,008	...	...	...	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	...	...	...	...
Noakhali	1,008	...	...	...	...	...	...	...
Tippah	1,008	...	...	...	...	...	...	...
Rajshahi	1,008	...	...	...	...	...	...	...
Maldah	1,008	...	...	...	...	...	...	...
Dinajpur	1,008	...	...	...	...	...	...	...
Jalpaiguri	1,120	...	...	...	...	...	...	...
Bankura	1,120	...	...	...	...	...	...	...
Banga	1,008	...	...	...	...	...	...	...
Palna	1,008	...	...	...	...	...	...	...
Chandernagore	1,008	...	...	...	...	...	...	...
Cuttack { Broadcast Transplanted	672 896	...	...	...	...	...	...	...
Keonjhar	1,008	...	...	...	...	...	...	...
Keonjhar and Jaisania Hills	560	...	...	...	...	...	...	...
Keonjhar { Broadcast Transplanted	560 896	...	...	...	...	...	...	...
Gara Hills { Broadcast Transplanted	560 896	...	...	...	...	...	...	...
Dumraon—Broadcast	560	...	...	...	...	...	...	...
Keonjhar	...	...	...	...	...	...	...	...
Silvanagar—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 (lb per acre) of PRINCIPAL CROPS in each DISTRICT of EASTERN BENGAL
and ASSAM—continued

DISTRICT	Mung	Matikalai	Rape and mustard	Linseed	Til or jirjili (sesa- mun)	Sugarcane (<i>guér</i>)	Cotton (cleaned)	Jute	Sun hemp
Dacca	448	...	...	2,240	...	...	...
Maimonsingh	448	...	...	2,240	...	...	...
Faridpur	448	...	...	3,360	...	...	...
Backerganj	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	...	...	...
Jaipalguri	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	126	1,200	800

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 (atás)	Spring rice (boro)					
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	388	340

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 (sasa- mun)	Sugarcane (<i>gur</i>)	Cotton (cleaned)	Jute	Sun hemp
Dacca	448	...	...	2,240	...	...	...
Maimensingh	448	...	...	2,240	...	...	...
Faridpur	448	...	...	3,360	...	...	...
Backerganj	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	120	1,200	800

AVERAGE YIELD OF CROPS
(BENGAL)

380

APPENDIX A—iii

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

DISTRICT	WINTER RICE		AUTUMN RICE		Wheat	Barley	Maize
	Transplanted	Broadcast	Transplanted	Broadcast			
Bardwan	{ Irrigated	1,017	866	957	710	...	...
	{ Unirrigated	759	893	1,050	800	873	826
Birbhum	{ Irrigated	885	1,120	1,260	...	...	...
	{ Unirrigated	864	..	988	...	...	...
Bankura	{ Irrigated	1,676	..	1,448	...	...	...
	{ Unirrigated	1,531	..	884	...	...	...
Midnapur	{ Irrigated	957	1,081	...	540	...	...
	{ Unirrigated	885	822	690	...	...	...
Hooghly	{ Irrigated	1,306	883	822	1,060	...	...
	{ Unirrigated	957	1,070	933	967	...	...
Howrah	{ Irrigated	1,139	...	...	...	...	...
	{ Unirrigated	1,039	...	...	...	...	...
24-Parganas	{ Irrigated	1,029	...	...	...	...	...
	{ Unirrigated	943	959	1,129	1,014	...	...
Nadia	{ Irrigated	...	...	...	...	...	...
	{ Unirrigated	805	801	...	835	329	1,234
Murshidabad	{ Irrigated	968	...	...	...	809	...
	{ Unirrigated	1,024	899	...	744	883	882
Jessore	{ Irrigated	...	892	...	708	...	...
	{ Unirrigated	1,145	653	...	870	...	...
Khulna	{ Irrigated	1,171	...	...	...	...	...
	{ Unirrigated	1,283	1,361	1,010	665	...	...
Paina	{ Irrigated	843	...	...	...	1,066	1,471
	{ Unirrigated	929	476	...	...	1,226	1,036
Gaya	{ Irrigated	1,122	781	...	...	1,008	...
	{ Unirrigated	845	797	...	...	826	...
Bhabanad	{ Irrigated	804	829	...	...	754	794
	{ Unirrigated	701	464	...	...	679	535
Saran	{ Irrigated	574	489	...	...	857	919
	{ Unirrigated	643	362	...	...	743	893
Champaran	{ Irrigated	...	...	...	...	...	...
	{ Unirrigated	947	773	...	722	844	780
Mozaffarpur	{ Irrigated	856	...	...	...	...	1,496
	{ Unirrigated	921	986	...	1,670	790	1,081
Darbhanga	{ Irrigated	968	...	...	...	...	...
	{ Unirrigated	742	609	...	...	588	870

APPENDIX A—iii—continued

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

DISTRICT	Ragi or msrua	Gram	Arhar	Rape and mustard	Linseed	Potato	Sugarcane (<i>gur</i>)	Cotton (cleaned)	Jute
Bardwan	Irrigated	...	...	...	...	14,783	3,076	...	...
	Unirrigated	...	499	...	513	...	...	...	...
Birbhum	Irrigated	...	...	...	...	...	5,743	...	...
	Unirrigated	...	...	...	...	...	...	...	...
Bankura	Irrigated	...	...	...	...	...	2,179	...	...
	Unirrigated	...	...	...	...	...	...	...	...
Midnapur	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	...	...	...	...	...	...	...	1,846
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
Fatus	Irrigated	1,040	709	...	973	...	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	...	...	...	...	...
Mozaffarpur	Irrigated	...	...	...	...	...	...	...	...
	Unirrigated	790	...	987	...	...	...	104	...
Darbhanga	Irrigated	617	...	...	...	...	...	...	...
	Unirrigated	895	730	582	460	3,505	...	42	...

AVERAGE YIELD OF CROPS
(BENGAL)

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	983	1,520
Bhagalpur . . . { Irrigated . . .	878	...	...	740	1,112	1,440	523
{ Unirrigated . . .	871	676	672	708	724	617	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 . . .	1,063	1,010	...	880	...	...	...
Balasore . . . { Irrigated . . .	764	1,006	...	...	...	...	...
{ Unirrigated . . .	694	802	...	...	...	...	...
Angul . . . { Irrigated . . .	1,269	755	748	...	...	...	...
{ Unirrigated . . .	1,063	1,093	765	586	...	...	1,279
Puri . . . { Irrigated . . .	1,461	1,280	...	764	...	...	...
{ Unirrigated . . .	...	903	...	636	...	...	...
Sambalpur . . . { Irrigated . . .	1,388	840	1,542	890	...	...	...
{ Unirrigated . . .	971	826	1,250	715	...	...	...
Hazaribagh . . . { Irrigated . . .	...	...	...	...	...	...	...
{ Unirrigated . . .	804	540	...	...	...	362	1,025
Ráncbi . . . { Irrigated . . .	1,248	1,204	...	...	...	...	...
{ Unirrigated . . .	1,034	1,002	...	680	...	...	1,219
Palámau . . . { Irrigated . . .	895	...	...	...	...	...	...
{ Unirrigated . . .	1,116	...	...	...	708	551	753
Mánbhnm . . . { Irrigated . . .	1,439	1,639	1,310	680	...	...	...
{ Unirrigated . . .	1,226	1,050	682	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 murga	Gram	Arhar	Rape and mustard	Linseed	Potato	Sugar- cane (<i>qir</i>)	Cotton (cleaned)	Jute
Monghyr	{ Irrigated	...	863	...	...	...	...	...	...	...
	{ Unirrigated	...	976	644	...	...	...	...	...	...
Bhagalpur	{ Irrigated	...	726	...	...	...	...	1,500	...	...
	{ Unirrigated	744	850	401	...	...	...	...	...	...
Purnea	{ Irrigated	...	...	...	...	...	8,228	...	...	...
	{ Unirrigated	...	...	...	633	247	...	...	...	1,425
Derjeeling	{ Irrigated	...	...	...	...	...	...	...	...	824
	{ Unirrigated	...	...	...	...	...	...	...	...	903
Santal Parganas	{ Irrigated	516	...	...	...	...	...	3,670	...	...
	{ Unirrigated	515	688	642	398	...	...	...	...	735
Cuttack	{ Irrigated	...	...	...	...	...	...	4,944	...	993
	{ Unirrigated	...	...	...	...	...	...	...	101	763
Balasore	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	...	...	...	...	...	...	...	...	...
Angul	{ Irrigated	...	...	...	...	...	...	3,578	...	...
	{ Unirrigated	761	...	...	715	...	...	...	...	...
Puri	{ Irrigated	...	...	...	...	...	...	2,472	...	...
	{ Unirrigated	...	...	...	...	...	...	864	...	...
Sambalpur	{ Irrigated	...	...	...	...	...	...	2,064	...	...
	{ Unirrigated	...	...	...	...	...	...	...	...	...
Hazaribagh	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	767	...	...	435	...	...	...	...	...
Ranchi	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	1,339	...	...	...	...	...	...	101	...
Palaman	{ Irrigated	...	...	...	...	...	...	2,500	...	...
	{ Unirrigated	462	583	...	467	209	...	...	69	...
Manbhum	{ Irrigated	...	...	...	418	...	...	1,355	...	...
	{ Unirrigated	...	...	...	617	...	...	...	98	...
Singbhum	{ Irrigated	...	...	...	...	...	...	...	...	...
	{ Unirrigated	...	...	384	...	...	...	...	188	...
Average for the Province	{ Irrigated	740	765	677	695	329	12,813	3,011	...	1,045
	{ Unirrigated	795	668	673	546	369	3,505	2,646	94	1,253

AVERAGE YIELD OF CROPS
(UNITED PROVINCES)

384

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 Garhwál Dehra-Dún }	Irrigated .	1,600	1,250	...	...	...	...	...
		Unirrigated .	1,400	1,000	...	...	...	...	...
Moradabad	{ Moradabad Saháranpur Bijnor Bareilly }	Irrigated .	1,050	1,250	1,300	...	...	...	1,000
		Unirrigated .	800	800	1,000	650	500	1,000	750
Muzaffarnagar	{ Musaffarnagar Meerut }	Irrigated .	1,000	1,250	1,500	...	...	...	1,000
		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 Etáh Etawáh Farukhabad }	Irrigated .	950	1,250	1,300	...	...	...	1,000
		Unirrigated .	600	700	800	650	500	1,200	700
Muttra	{ Muttra Agra }	Irrigated .	850	1,200	1,400	...	...	...	1,000
		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
Bahraich	{ Bahraich Pilibit Kheri }	Irrigated .	1,050	1,300	1,300	...	...	...	1,000
		Unirrigated .	900	1,050	1,100	600	550	1,300	950

* 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 jinzili (sesamum)	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)	Indigo (dye)	DistricT
...	Irrigated { Naini Tal } Unirrigated { Almora } Unirrigated { Garhwál } Unirrigated { Dehra-Dún }
...	
750	2,450	...	18	Irrigated { Moradabad } Unirrigated { Saháranpur } Unirrigated { Bijnor } Unirrigated { Bareilí }
500	...	400	320	430	...	110	...		} Moradabad
800	2,800	200	19	Irrigated { Muzaffarnagar } Unirrigated { Meerut }
550	350	490	...	140	...		} Muzaffarnagar
1,000	2,400	200	19	Irrigated { Bulandshahr } Unirrigated { Aligarh }
650	350	490	...	130	...		} Bulandshahr
800	2,050	230	15	Irrigated { Mainpuri } Unirrigated { Etáh } Unirrigated { Etawáh } Unirrigated { Farukhabad }
550	410	180	...		} Mainpuri
650	2,000	230	15	Irrigated { Muttra } Unirrigated { Agra }
400	410	150	...		} Muttra
650	2,400	...	18	Irrigated { Budaun } Unirrigated { Shahjahnpur }
400	...	400	320	430	...	110	...		} Budaun
1,000	2,700	...	...	Irrigated { Sitapur } Unirrigated { Hardoi }
650	550	500	300	570	...	110	...		} Sitapur
850	2,000	...	...	Irrigated { Bahraich } Unirrigated { Pilibit } Unirrigated { Kheri }
600	800	500	330	700	...	110	...		} Bahraich

AVERAGE YIELD OF CROPS
(UNITED PROVINCES)

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

AVERAGE YIELD OF CROPS
(UNITED PROVINCES)

Peas	Arhar	Linseed	Til or jijili (sesamum)	Rape and mustard	Sugarcane (gur)	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
800	2,150	...	17	Irrigated	Fatehpur
550	500	400	520	...	...	120	...	Unirrigated
1,200	2,450	...	19	Irrigated	Benares
550	700	500	280	...	...	100	...	Unirrigated
1,200	3,200	...	19	Irrigated	Ballia
650	800	650	280	660	...	100	...	Unirrigated	
1,200	2,400	...	19	Irrigated	Basti
600	650	500	280	570	...	100	...	Unirrigated	
...	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 PANJAB

District		Rice (husked)	Wheat	Barley	Jawar	Bajra
Mianar	{ Irrigated	960	720	780	420	600
	{ Unirrigated	...	460	720	750	600
Rohtak	{ Irrigated	1,280	1,000	1,000	800	320
	{ Unirrigated	...	580	1,000	440	420
Gurgāon	{ Irrigated	...	900	1,200	800	500
	{ Unirrigated	...	600	600	624	440
Delhi	{ Irrigated	920	1,120	960	800	500
	{ Unirrigated	...	960	650	400	360
Karnāl	{ Irrigated	910	820	850	460	360
	{ Unirrigated	530	520	450	280	230
Ambala	{ Irrigated	1,400	1,080	800	480	480
	{ Unirrigated	880	950	520	350	360
Simla	{ Irrigated	...	480	...	...	...
	{ Unirrigated	...	460	...	...	...
Kāngra	{ Irrigated	1,200	600	700	...	...
	{ Unirrigated	800	550	530	...	...
Hoshiārpur	{ Irrigated	1,000	840	740	...	590
	{ Unirrigated	670	520	460	...	350
Jalandhar	{ Irrigated	1,100	1,400	1,000	...	...
	{ Unirrigated	600	900	500	...	...
Ludhiāna	{ 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	320
	{ Unirrigated	...	850	560	400	...
Jhang	{ Irrigated	480	840	850	520	520
	{ Unirrigated	480	600	600	400	520
Mianwali	{ Irrigated	800	1,000	1,040	580	610
	{ 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
Gurdāspur	{ 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
Gujrāt	{ Irrigated	1,220	800	800	540	760
	{ Unirrigated	1,220	560	614	540	534
Gujrānwāla	{ Irrigated	1,200	840	640	420	420
	{ Unirrigated	520	560	320	320	240
Shāhpur	{ Irrigated	960	960	1,040	650	800
	{ Unirrigated	800	800	720	400	400
Jhelum	{ Irrigated	...	960	1,150	...	860
	{ Unirrigated	...	560	560	...	840
Rāwalpindi	{ Irrigated	900	800	880	720	500
	{ Unirrigated	...	480	640	400	400
Attock	{ Irrigated	800	800	900	720	500
	{ Unirrigated	...	480	640	360	320
Debra Ghazi Khan	{ Irrigated	800	640	800	440	600
	{ Unirrigated	760	590	520	280	300
Muzaffargarh	{ Irrigated	1,000	620	780	380	400
	{ Unirrigated	780	520	700	320	...
Average for the Province	{ Irrigated	1,183	994	1,063	561	505
	{ Unirrigated	771	619	562	447	415
	{ Both	1,060	816	786	479	462

Maize	Gram	Rapeseed	Sugarcane (guir)	Cotton (cleaned)	DISTRICT	
...	530	360	...	200	Irrigated	} Hissar
...	560	240	...	96	Unirrigated	
...	1,120	360	2,560	160	Irrigated	} Rohtak
...	740	240	720	60	Unirrigated	
...	820	400	...	144	Irrigated	} Gurgāon
...	614	280	...	96	Unirrigated	
840	820	400	2,500	144	Irrigated	} Delhi
840	600	280	1,440	84	Unirrigated	
930	820	560	1,520	132	Irrigated	} Karnāl
590	540	360	720	96	Unirrigated	
1,000	640	560	2,000	144	Irrigated	} Ambala
1,000	1,000	350	1,840	140	Unirrigated	
...	...	...	...	...	Irrigated	} Simla
...	...	...	...	...	Unirrigated	
900	...	480	...	48	Irrigated	} Kāngra
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	132	Unirrigated	
1,296	800	560	2,200	168	Irrigated	} Ludhiāna
568	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	430	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	
1,800	800	460	1,700	132	Irrigated	} Lahore
480	1,000	300	1,000	72	Unirrigated	
1,200	820	580	1,800	200	Irrigated	} Amritsar
720	900	320	1,000	120	Unirrigated	
1,240	820	580	1,700	192	Irrigated	} Gurdāspur
780	680	320	1,000	120	Unirrigated	
1,200	600	480	1,800	170	Irrigated	} Siālkot
600	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	} Gujranwāla
700	640	320	800	72	Unirrigated	
960	580	480	1,600	156	Irrigated	} Shāhpur
480	580	400	400	78	Unirrigated	
1,040	800	560	...	144	Irrigated	} Jhelum
...	600	360	...	72	Unirrigated	
1,100	600	400	782	140	Irrigated	} Rāwalpindi
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	...	80	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	1,298	64	Unirrigated	
1,001	701	254	1,534	74	Both	

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

390

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	792	...	494
	{ Unirrigated	...	473	536	...	329
Peshawar	{ Irrigated	1,166	839	1,257	823	...
	{ Unirrigated	...	560	760	326	...
Kohat	{ Irrigated	...	823	823	...	1,029
	{ Unirrigated	...	494	536	...	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 (<i>grs</i>)	Cotton (cleaned)
Hazara	{ Irrigated	1,316	...	432	1,975	93
	{ Unirrigated	741	...	329	...	57
Peshawar	{ Irrigated	2,218	...	551	2,917	185
	{ Unirrigated	...	...	465	...	...
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	2,073	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 jinjili (sesamum)	Rape and mustard	Sugarcane (gur)	Cotton (cleaned)
Karachi	1,083	1,279	1,222	482	325	490	426	4,920	...
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	892	640	522	373	768	...	...
Thar and Parkar	1,436	1,516	...	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	210
	Unirrigated	1,020	239	1,660	...
Merwara	Irrigated	1,084	525	821	127
	Unirrigated	507	609	260	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 (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	1,300 560	(a)1,080	840	1,140	...	500	350
Kaira { Irrigated Unirrigated	... 1,320	1,800 600	(a)1,050	970	1,440	...	500	...
Panch Mahals { Irrigated Unirrigated	... 1,200	1,300 790	...	825	1,420	1,190	600	360
Broach Unirrigated	900	600	{ (a)1,160 (b)1,020 }	700	1,500	...	500	...
Surat "	1,500	560	(a)1,160	600	1,200	{	500	...
Khandesh { Irrigated Unirrigated	... 1,080	1,380 600	(a)720	380	900	...	1,200 500	330
Nasik { Irrigated Unirrigated	... 1,080	1,320 460	(b)1,400 520	360	1,400 850	...	1,200 850	380
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	1,080 350	(b)1,500 500	310	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	600	900	450	1,200	...	500	360
Tanna Unirrigated	1,200	...	...	...	770	...	400	...
Kolaba " "	1,320	...	...	...	800	...	380	...
Ratnagiri " "	1,020	...	...	...	680	...	320	...
Kanara " "	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

AVERAGE YIELD OF CROPS
(BOMBAY)

Til or jinjili (sesamum)	Sugarcane (<i>gür</i>)	Cotton (cleaned)	Rape and mustard	Spelt	Kodra	Groundnut	DISTRICT
400	6,000	125	610	...	1,320	...	Irrigated } Unirrigated } Ahmadabad
400	8,000	115	675	...	1,276	...	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	80	...	1,500	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) 610 }	...	Irrigated } Unirrigated } Tanna
400	4,000	...	...	...	{ (a) 1,600 (b) 800 }	...	Irrigated } Unirrigated } Kolaba
400	4,000	...	...	...	{ (a) 1,360 (b) 675 }	...	Irrigated } Unirrigated } Ratnagiri
...	7,000	...	...	...	...	...	Irrigated } Unirrigated } Kanara
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	Kodon and kutki (millets) cleaned (b)	Linseed	Til or jinjili (susu-mun)	Sugarcane (gur)	Cotton (cleaned) (c)
	Transplanted	Broad-cast								
Saugor	{ Irrigated : Unirrigated : }	{ 549 549 }	{ 600 600 }	{ 550 550 }	{ 480 480 }	{ 225 225 }	{ 280 280 }	{ 150 150 }	{ 1,500 1,500 }	{ 60 60 }
Damoh	{ Irrigated : Unirrigated : }	{ 488 488 }	{ 580 580 }	{ 550 550 }	{ 450 450 }	{ 225 225 }	{ 200 200 }	{ 150 150 }	{ 1,200 1,200 }	{ 60 60 }
Jubbulpore	{ Irrigated : Unirrigated : }	{ 488 488 }	{ 620 620 }	{ 400 400 }	{ 560 560 }	{ 225 225 }	{ 250 250 }	{ 150 150 }	{ 1,200 1,200 }	{ 67 67 }
Bandla	{ Irrigated : Unirrigated : }	{ 488 488 }	{ 580 580 }	{ 350 350 }	{ 560 560 }	{ 225 225 }	{ 200 200 }	{ 150 150 }	{ 1,500 1,500 }	{ 60 60 }
Seoni	{ Irrigated : Unirrigated : }	{ 915 610 }	{ 620 620 }	{ 450 450 }	{ 560 560 }	{ 225 225 }	{ 250 250 }	{ 150 150 }	{ 1,500 1,500 }	{ 60 60 }
Narsingpur	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 660 660 }	{ 450 450 }	{ 580 580 }	{ 200 200 }	{ 280 280 }	{ 200 200 }	{ 1,200 1,200 }	{ 80 80 }
Hoshangabad	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 620 620 }	{ 450 450 }	{ 520 520 }	{ 200 200 }	{ 250 250 }	{ 250 250 }	{ 1,200 1,200 }	{ 80 80 }
Nimar	{ Irrigated : Unirrigated : }	{ 610 610 }	{ 900 640 }	{ 800 800 }	{ 480 480 }	{ 175 175 }	{ 200 200 }	{ 250 250 }	{ 3,500 3,500 }	{ 107 107 }
Betul	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 1,000 620 }	{ 450 450 }	{ 480 480 }	{ 225 225 }	{ 200 200 }	{ 180 180 }	{ 3,500 3,500 }	{ 80 80 }
Chhindwara	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 1,000 600 }	{ 600 600 }	{ 480 480 }	{ 225 225 }	{ 220 220 }	{ 180 180 }	{ 3,500 3,500 }	{ 100 100 }
Wardha	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 1,000 580 }	{ 700 700 }	{ 580 580 }	{ 175 175 }	{ 300 300 }	{ 350 350 }	{ 3,000 3,000 }	{ 107 107 }
Nagpur	{ Irrigated : Unirrigated : }	{ 976 610 }	{ 1,000 580 }	{ 600 600 }	{ 580 580 }	{ 175 175 }	{ 280 280 }	{ 350 350 }	{ 3,000 3,000 }	{ 100 100 }
Chanda	{ Irrigated : Unirrigated : }	{ 1,037 610 }	{ 600 600 }	{ 650 650 }	{ 550 550 }	{ 175 175 }	{ 250 250 }	{ 300 300 }	{ 4,000 4,000 }	{ 90 90 }
Bhandara	{ Irrigated : Unirrigated : }	{ 976 610 }	{ 450 450 }	{ 450 450 }	{ 460 460 }	{ 175 175 }	{ 230 230 }	{ 300 300 }	{ 1,500 1,500 }	{ 50 50 }
Balaghāt	{ Irrigated : Unirrigated : }	{ 976 610 }	{ 550 550 }	{ 350 350 }	{ 550 550 }	{ 175 175 }	{ 230 230 }	{ 300 300 }	{ 1,500 1,500 }	{ 50 50 }
Raipur	{ Irrigated : Unirrigated : }	{ 976 610 }	{ 600 600 }	{ 350 350 }	{ 450 450 }	{ 275 275 }	{ 200 200 }	{ 150 150 }	{ 3,000 3,000 }	{ 50 50 }
Bilaspur	{ Irrigated : Unirrigated : }	{ 976 610 }	{ 600 600 }	{ 350 350 }	{ 450 450 }	{ 275 275 }	{ 200 200 }	{ 150 150 }	{ 2,500 2,500 }	{ 50 50 }
Drug	{ Irrigated : Unirrigated : }	{ 976 610 }	{ 600 600 }	{ 350 350 }	{ 450 450 }	{ 275 275 }	{ 200 200 }	{ 150 150 }	{ 1,200 1,200 }	{ 50 50 }
Average for the Central Provinces	{ Irrigated : Unirrigated : Both : }	{ 580 }	{ 600 }	{ 600 600 ...	{ 520 520 ...	{ 235 235 ...	{ 195 195 ...	{ 215 215 ...	{ 2,360 }	{ 98 }
Akola	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 580 580 }	{ 660 660 }	{ 550 550 }	{ 175 175 }	{ 330 330 }	{ 300 300 }	{ 3,000 3,000 }	{ 100 100 }
Amraoti	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 580 580 }	{ 660 660 }	{ 550 550 }	{ 175 175 }	{ 330 330 }	{ 300 300 }	{ 3,000 3,000 }	{ 100 100 }
Baldana	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 580 580 }	{ 660 660 }	{ 550 550 }	{ 175 175 }	{ 330 330 }	{ 300 300 }	{ 3,000 3,000 }	{ 100 100 }
Yeotmal	{ Irrigated : Unirrigated : }	{ 427 427 }	{ 580 580 }	{ 660 660 }	{ 550 550 }	{ 175 175 }	{ 330 330 }	{ 300 300 }	{ 3,000 3,000 }	{ 100 100 }
Average for Berar	{ Irrigated : Unirrigated : Both : }	{ 430 }	{ 580 }	{ 660 660 ...	{ 550 550 ...	{ 175 175 ...	{ 330 330 ...	{ 300 300 ...	{ 3,000 3,000 ...	{ 100 100 ...
Average for Central Provinces and Berar	{ Irrigated : Unirrigated : Both : }	{ 580 }	{ 600 }	{ 638 638 ...	{ 525 525 ...	{ 235 235 ...	{ 205 205 ...	{ 230 230 ...	{ 2,390 }	{ 100 }

(a) The yield reported in unhusked rice has been reduced by 39 per cent
(b) The yield reported in uncleaned Kodon and Kutki has been reduced by 50 per cent
(c) The yield reported in uncleaned 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	...	...	728	...	5,518
	Unirrigated	556	...	659	676	252	...
Vizagapatam	Irrigated	693	...	...	693	578	6,229
	Unirrigated	...	...	866	1,074	480	...
Godavari	Irrigated	1,007	650	...	907	582	5,605
	Unirrigated	...	901	696	901	251	...
Kistna	Irrigated	1,010	976	...	1,594	586	4,528
	Unirrigated	...	781	655	640	390	61
Guntur	Irrigated	1,037	...	617	1,489	...	...
	Unirrigated	...	468	482	...	...	89
Nellore	Irrigated	1,034	1,230	1,270	1,427	386	...
	Unirrigated	370	628	...	1,452	289	25
Karnul	Irrigated	1,235	...	...	1,102	...	5,713
	Unirrigated	...	706	662	597	267	40
Bellary	Irrigated	1,191	...	...	...	...	8,511
	Unirrigated	...	429	445	519	198	42
Anantapur	Irrigated	1,333	1,429	...	1,688	...	3,131
	Unirrigated	...	481	361	1,819	83	31
Cuddapah	Irrigated	1,238	1,031	1,236	1,625	363	7,761
	Unirrigated	...	973	772	1,089	...	45
North Arcot	Irrigated	1,248	1,297	...	1,913	396	9,181
	Unirrigated	...	434	633	882	247	...
Chinglepat	Irrigated	1,012	...	610	1,122	506	...
	Unirrigated	...	...	783	899	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	931	258	23
Coimbatore	Irrigated	1,329	828	1,185	1,398	977	7,728
	Unirrigated	...	889	488	1,091	385	47
Trichinopoly	Irrigated	1,316	1,612	752	1,126	344	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
	Unirrigated	...	748	538	872	272	66 61
Tinnevely	Irrigated	1,448	1,853	...	1,272	420	2,120
	Unirrigated	...	695	524	...	284	64
Nilgiris	Irrigated	...	...	...	...	...	...
	Unirrigated	1,238	...	...	1,112	...	...
Malabar	Irrigated	950	...	...	...	...	...
	Unirrigated	886	...	...	1,598	316	...
South Canara	Irrigated	860	...	...	...	...	...
	Unirrigated	891	...	...	...	...	...
Average for the Pro- vince.	Irrigated	1,115	1,118	1,020	1,405	441	6,089
	Unirrigated	926	647	611	955	270	44

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

AVERAGE YIELD OF CROPS
(MYSORE)

396

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 jinjili (sesamum)	Sugarcane (gur)	Cotton (cleaned)
Bangalore	Irrigated	622	...	...	...	3,534	...
	Unirrigated . . . . .	...	599	273	430	...	...
Kolar	Irrigated	964	...	...	...	5,436	...
	Unirrigated . . . . .	...	749	281	207	...	...
Tumkur	Irrigated	779	...	...	...	3,314	...
	Unirrigated . . . . .	...	459	164	53	...	15
Mysore	Irrigated	1,259	...	...	...	3,195	...
	Unirrigated . . . . .	...	599	270	221	...	29
Hassan	Irrigated	785	...	...	...	2,449	...
	Unirrigated . . . . .	...	612	211	314	...	...
Sbimoga	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 . . . . .	...	650	170	105	...	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				
EXTERNAL TRANSFERS							
1891-92	} Nil						
1892-93							
1893-94							
Lower Burma	(a)	24,369	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	Ghazipur 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 Not notified	
Central Provinces	Hoshangabad "	31	142	45	Bhopal (Central India)		
1895-96							
Bengal	} Shahabad district	467	467	(b)	Dallia United Provinces	No. 47 J., dated 3rd January 1896 No. 1484 J., dated 10th March 1896 No. 78-I-971 A., dated 9th January 1896	
United Provinces		Jalpaiguri "	(b)	1,080	549		Goalpara, Assam
		Benares "	897	897	212		Shahabad, Bengal
Panjab	Kohat "	14	4,066	3	Independent territory (Afridia)	No. 1039, dated 31st August 1895, to Commissioner, Peshawar	
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 No. 5780, dated 25th October 1901	
Panjab	(a)	29,061,900	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 No. 951 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 No. 601 S., dated 15th June 1905	
Panjab	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	
	Dinaipur "	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	4,82,093			
	Pabna "	865,300	1,176,960	4,08,505			
	Dacca "	1,214,500	1,730,480	5,15,801			
	Mymensingh "	2,405,000	4,052,480	8,85,434			
	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 "	784,300	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)	} (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 ₹
		Cultivated	Total			
EXTERNAL TRANSFERS—continued						
1905-06—contd.						
United Provinces	Ballia district	1,789	2,123	3,054	Shahabad, Bengal	No. 234 L. R., dated 16th January 1907
Panjab	Hissar "	56	918	153	Bikaner State	No. 1085 S., dated 21st July 1906
	Sambalpur "	1,051,632	2,447,360	1,59,997	Bengal	
	Bamra State		1,272,320			
	Rairakhal "		533,120			
Central Provinces	Soupur "	(a)	579,840	(a)	"	Government of India, Home Department, Notification No. 2833, dated 1st September 1906
	Patna "		1,535,360			
	Kalahandi "		2,396,800			
	Chanda district	95	3,725	50	Nizam's Territory	Letter No. 6704, dated 18th October 1905
1906-07 Nil						
1907-03						
Bengal	Darjeeling	4	4	(a)	Jalpaiguri, Eastern Bengal and Assam	No. 5735 C., dated 9th May 1907
1908-09						
Bengal	Shahabad district	...	509	1,909	Ballia, United Provinces	No. 1918 Jur., dated the 10th April 1908
1909-10						
Eastern Bengal and Assam	Malda district	(a)	2,861	(a)	Purnea, Bengal	No. 529 Ex., dated 25th December 1908
	Nadia "	2,507	2,507	797	Pabna, E. B. and Assam	No. 1886 R., dated 6th August 1908, and No. 2981 R., dated 19th December 1907
Bengal	" "	343	1,035	689	" "	No. 75, dated 18th January 1909
	" "	7,073	7,073	(a)	Faridpur E. B. and Assam	No. 39 A. G., dated 28th January 1910
United Provinces	Ballia "	...	438	1,371	Shahabad, Bengal	No. 2174 T. R., dated 25th September 1909
Central Provinces	Chanda "	23,330	(b) 422,082	1,340	Godavari, Madras	Government of India, No. 545, dated 15th April 1909
INTERNAL TRANSFERS						
1891-92						
Madras	Bellary district	1,168	12,055	1,866	Anantapur district	No. 226, dated 15th May 1891
	Tanjore "	13	14	25	Trichinopoly "	No. 807, dated 31st August 1891
1892-93						
Upper Burma	Katha district	1,765	768,000	7,848	Ruby Mines district	No. 314, dated 19th December 1892
Lower Burma	Bassein "	502	112,768	744	Sandoway "	No. 132, dated 23rd May 1893
Assam	Darrang "	...	1,508	(a)	Nowgong "	No. 225 Rev.—3207 R., dated 28th April 1893
United Provinces	Budaun "	...	859	20	Etah "	No. 1923 A.I.—157, dated 29th July 1892
	Pilibit "	215	262	450	Bareilly "	No. 2596 A.I.—157, dated 7th October 1892
Panjab	Jhang "	3,198	10,562	(a)	Gujranwala "	No. 624, dated 22nd August 1893
	Montgomery "	694	3,992	(a)	" "	No. 633, dated 22nd August 1893
	Gujranwala "	2,977	12,723	(a)	Jhang "	No. 850, dated 15th August 1893
	Hazara "	9	25	3	Rawalpindi "	
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)		
	Shwebo district	(a)	6,400	(a)	Ruby Mines "	No. 299, dated 13th December 1893
	Sagaing "	(a)	1,920	1,701	Lower Chindwin district	Not notified (see letter No. 283-3—T-3, dated 12th January 1893)

(a) No information
(b) Includes 332,100 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		Land revenue B	District or division to which transferred	Number and date of notification of transfer
		Area in acres				
		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 19th October 1893
	Pyinmana "	29,162	1,632,000	1,20,511	Yamethin district	
	Thongwa "	127,360	1,044,154	2,77,140	Myaungmya "	
	Basson "	208,180	875,302	3,05,253	Southern division	
	Thayetmyo "	144,935	3,047,040	2,48,110		
United Provinces	Budaun "	688	1,529	635	Shahjahanpur district	No. 532-I—157A., dated 1st March 1894
	Ghazipur "	30,520	36,810	40,075	Ballia district	No. 590-I—37B., dated 9th March 1894
Panjab	Muzaffargarh "	3,062	9,438	3,662	Multan "	No. 440, dated 15th June 1893
	Multan "	2,997	9,590	2,960	Muzaffargarh "	
	Gujranwala "	2,977	12,723	744	Jhang "	No. 623, dated 22nd August 1893
	Jhang "	3,198	10,562	799	Gujranwala "	No. 624, dated 22nd August 1893
	Montgomery "	327	1,219	360	Shahpur "	No. 601, dated 28th August 1894
	Lahore "	...	3,675	(a)	Gujranwala "	No. 624, dated 22nd August 1893
Sind	Shikarpur "	14,334	60,339	20,132	Karachi "	No. 968, dated 28th December 1893
						Nos. 5353 and 5353-A., dated 25th July 1893
Central Provinces	Nagpur "	...	4,388	(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

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	Budaun "	No. ²³⁶² 1-157-A., dated 29th August 1894
	Ghazipur "	275	545	379	Ballia "	No. ¹⁹¹³ 1-87-B, dated 16th July 1894
Panjab	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
	Bollary "	65,709	119,254	41,008	Anantapur district	No. 219, dated 19th April 1895

1895-96

Upper Burma	Shwebo district	69,315,840	1,968,640	2,87,870	Central division	No. 65, dated 27th March 1895
	Ye-u "	102,254	3,392,000	2,58,853	Shwebo district	
	Myitkyina "	300	820,000	1,450	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 "	
	Amherst "	124,962	994,500	1,91,755	Thaton "	
	Pegu "	317,743	2,548,480	5,71,791	" "	
" "	370,065	489,186	9,08,570	Hanthawady "		
Bengal	Shahabad "	(a)	2,648	8,338	Patna "	No. 354 J., dated 1st July 1895
Panjab	Gujranwala "	161	755	198	Gajrat "	No. 479, dated 28th 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		Land revenue R	District or division to which transferred	Number and date of notification of transfer
		Area in acres				
		Cultivated	Total			
INTERNAL TRANSFERS—continued						
1896-97						
Upper Burma	Yamethin district	19,000	33,641	3,644	Meiktila district	No. 168, dated 1st September 1896 No. 731-3 M.-72, dated 30th October 1896, from Financial Commissioner
	Myingyan "	494	494	1,284	Minbu "	
Assam	Khasi and Jaintia Hills district	...	19,440	...	Sylhet "	No. 84, dated 9th January 1896
Bengal	Dinajpur district	(a)	109,440	(b)	Bajahabi "	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	Gujranwala "	336	1,934	(a)	Jhang "	No. 158, dated 15th 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
	Ratnagiri "	2	3	(a)	Sawantwadi State	No. 4406, dated 14th November 1895
	Karachi "	...	1,299	(a)	Hyderabad district	No. 6288A., dated 11th August 1896
Central Provinces	Hoshangabad, "	126,569	365,769	31,815	Nimar "	No. 3298, dated 24th August 1896
	Nagpur "	...	707	(a)	Chhindwara "	No. 3102, dated 17th May 1895, and No. 2092, dated 3rd June 1896
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 "	No. 2935 J., dated 18th May 1896
	Balasore "	(a)	640	(a)	Cuttack "	
Panjab	Ambala "	20,240	357,731	2,37,373	Karnal "	No. 564, dated 17th September 1897
	Muzaffargarh, "	342	1,000	234	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 district	112,000	112,000	6,650	Minbu district	No. 178, dated 7th September 1898
	Singing "	1,581	1,581	2,480	Mandalay "	No. 119, dated 7th July 1898
	Myingyan "	474	3,275	1,268	Meiktila "	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
Panjab	Jhang "	4,031	18,178	3,490	Multan "	No. 191, dated 28th March 1898
	Montgomery "	...	605,586	(a)	Jhang "	No. 370, dated 11th May 1899
	" "	10,552	23,578	(a)	Gujranwala "	No. 281, dated 11th April 1899
	Lahore "	975	4,450	(a)	" "	
	Simla "	315	660	427	Ambala "	No. 626 A., dated 3rd May 1899
	Jalandhar "	404	2,690	280	Ludhiana "	No. 157, dated 19th March 1898
	Ludhiana "	374	1,220	615	Jalandhar "	
Sind	Hyderabad "	3	2,365	6	Thar and Parkar district	No. 147, dated 10th January 1899
Central Provinces	Mandla "	...	1,665	85	Balaghāt district	No. 3629, dated 11th October 1898

(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			District or division to which transferred	Number and date of notification of transfer
		Area in acres		Land revenue R		
		Cultivated	Total			

INTERNAL TRANSFERS—continued

1899-1900

Upper Burma	Myingyan district	249	1,466	729	Minbu district	No. 245, dated 28th December 1899
Lower Burma	Myaungmya "	865	2,973	1,903	Thongwa "	{ No. 73, 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	Prome "	No. 143, dated 7th August 1899
	Henzada "	708	708	902	Tharawadi "	No. 197, dated 1st November 1899
	Thaton "	...	6,447	...	Pegu "	Encroachment of the Sittang River
United Provinces	Bijnor "	...	1,465	50	Muzaffarnagar "	No. 3864-I-993-C., dated 5th November 1899
	" "	...	306	1	" "	No. 2015-I-629-D., dated 27th June 1900
	Moradabad "	...	54	9	Bulandshahr "	No. 3867-I-992-C., dated 8th November 1899
Panjab	Jhang "	2,308	5,446	...	Gujranwala "	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 "	{ No. 5646 R., dated 9th December 1898 No. 5647 R., dated 9th December 1898, and No. 1528 R., dated 30th April 1900
Assam	Naga Hills "	...	502,553	...	Nowgong "	
	Nowgong "	...	1,207,462	1,836	Sibsagar "	
Panjab	Rawalpindi "	196,600	416,781	1,59,320	Hazara "	No. 813, dated 3th 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	35,067	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 "	{ No. 241, dated 15th November 1901 No. 692-3 T-23, dated 17th September 1902
	Katha "	17,920	...	...	Katha "	
	Myingyan "	72	13,440	524	Myitkyina "	
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 "	
Panjab	Hazara "	197,304	416,781	1,59,230	Rawalpindi "	No. 994, dated 17th October 1901
	D. I. Khan "	380,330	3,614,915	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 "	
Sind	Karachi "	188,115	1,488,580	4,60,545	Larkana "	No. 992, dated 17th October 1901
	Sukkur "	603,847	1,743,009	20,23,390	" "		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 "	{ Notification, dated 17th September 1902 No. 321, dated 30th March 1903
	Dacca "	7,870	18,200	8,650	Faridpur "	
Panjab	Mianwali "	2,019	14,744	924	D. G. Khan "	No. 4876 B., dated 22nd July 1903
	Hyderabad "	4,783	25,915	15,604	Thar and Parkar district	
Sind	" "	42,228	161,558	1,76,259	" "	No. 5111, dated 11th September 1902
Central Provinces	Saugor "	3,086	9,589	1,510	Narsinghpur district	

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 ft	District or division to which transferred	Number and date of notification of transfer
		Area in acres				
		Cultivated	Total			
INTERNAL TRANSFERS—continued						
1903-04						
Upper Burma	Myingyan district	674	2,220	1,899	Minbu district	No. 172, dated 20th July 1903
	Hantawaddy "	4,942	5,760	21,818	Rangoon Town	No. 47, dated 19th March 1903
Lower Burma	Old Thongwa "	80,119	112,044	2,01,529	Myaungmya district	Nos. 214, 215, 219, and 221, dated 7th September 1903
	Myaungmya "	80,316	324,621	1,87,588	Ma-nbin "	
	Old Thongwa "	321,737	730,086	6,60,839	" "	
	" "	534,489	1,378,225	16,32,161	Pyapon "	No. 1609—I-655, dated 14th June 1904
United Provinces	Bijnor "	1	620	41	Musaffarnagar "	
	Fyzabad "	253	2,444	252	Gonda "	No. 1630—I-654, dated 16th June 1904
	Montgomery "	830	1,774	872	Jhang "	No. 1269, dated 8th December 1903, and No. 424, dated 29th March 1904
Panjab	Rawalpindi "	731,068	1,930,273	4,30,423	Attock "	Nos. 342 and 343, dated 11th March 1904
	Jhelum "	303,107	766,411	1,89,829	" "	
	Ludhiana "	127	175	205	Jalandhar "	No. 718, dated 2nd June 1904
Central Provinces	Balghat "	2,117	8,962	547	Mandla "	No. 2177, dated 18th April 1904
Madras	Salem "	1-6	1-6	7	Trichinopoly "	No. 463, dated 12th November 1903
1904-05						
Upper Burma	Myingyan district	174	646	348	Pakokku district	No. 211, dated 12th September 1904
	Upper Chindwin district	95	216,064	514	Myitkyina "	No. 143, dated 7th July 1904
Lower Burma	Pyapon district	2,792	3,198	7,427	Myaungmya "	No. 225, dated 16th October 1904
United Provinces	Gorakhpur "	16,122	33,165	22,236	Azamgarh "	No. 1962—I-241-1904, dated 19th July 1904
	Ferozepore "	1,907	10,090	1,560	Montgomery "	No. 696, dated 3rd July 1905
	Montgomery district	19,064	52,200	7,258	Lyalpur "	Nos. 1546 and 1548, dated 17th December 1904, and Nos. 2425 and 2426, dated 20th September 1905
Panjab	Gujranwala district	638	2,225	212	" "	No. 1544, dated 17th December 1904
	Jhang "	11,303	136,937	2,835	Shahpur "	No. 918, dated 18th July 1904
	" "	39,105	52,710	20,727	Lyalpur "	No. 1545, dated 17th December 1904
	Lyalpur "	8,664	19,868	1,622	Jhang "	No. 1548, dated 17th December 1904
Central Provinces	Hoshangabad "	8,367	219,988	2,786	Nimar "	No. 5687, dated 21st September 1904
Madras	Godavari "	517,752	1,482,980	31,17,805	Kistna "	No. 454 (Public), dated 10th September 1904
	Kistna "	1,661,026	3,160,581	63,48,675	Guntur "	
	Nellore "	223,353	509,792	4,84,943	" "	
1905-06						
Bengal	Chota Nagpur Division—				Orissa Division	Government of India, Home Department, Notification No. 2833, dated 1st September 1905
	Ganpur State		1,594,880			
	Bonai "	(a)	829,440	(a)		
Panjab	Ferozepur district	597	2,688	568	Lahore district	No. 1089, dated 22nd November 1905
	Lahore "	371	2,276	362	Ferozepur "	No. 195, dated 20th February 1906
	Montgomery "	2,868	4,733	978	Lahore "	Nos. 2423 and 2426, dated 20th September 1905
	" "	6,087	15,602	5,839	Lyalpur "	No. 459, dated 30th April 1906
	" "	47	50	30	" "	No. 249, dated 9th March 1906
	Shahpur "	9	1,849	...	Attock "	
Bombay	" "	4	629	...	Mianwali "	No. 7684 A., dated 23rd September 1905
	Belgaum "	20,928	23,836	7,624	Bijapur "	No. 6280B., dated 2nd August 1905
Sind	Karachi "	488	1,059	754	Hyderabad "	No. 178, dated 6th April 1906
Madras	Vizagapatam "	128	128	541	Ganjam "	

(a) 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 ₹		
		Cultivated	Total			

INTERNAL TRANSFERS—continued

1906-07

Upper Burma	Sagaing district	11,831	23,570	7,404	Myingyan district	No. 225, dated 1st August 1906
Bengal	Hughli "	458	1,080	...	Bardwan "	No. 384, dated 4th May 1906
	Khulna "	373	973	878	24-Parganas "	} No. 2147, dated 30th June 1906
		153	153	(a) Jessore "		
United Provinces	Saharanpur "	...	95	89	Muzaffarnagar,	No. 137—III—256 C., dated 29th January 1903
	Meerut "	85	4,348	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	6,332	316	Etah "	
Panjab	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	Shehpur "	No. 139, dated 12th February 1907
Sind	Thar and Parkar 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	Buldana "	} No. 5572, dated 19th August 1905
	" "	...	4,192	...	Ycetmal "	
Madras	Coimbatore "	1,337	13,151	1,113	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	Bangpur "	(a)	9,872	(a)	Maimensing "	No. 400 R., dated 21st Feb. 1908
Panjab	Jalandhar "	(a)	22	(a)	Kapurthala State	No. 823, 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. 128-D., dated 8th June 1908, and No. 881-D., dated 30th July 1907
	Chanda "	139,006	(c) 386,169	3,695	Drug "	No. 578-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 (166,871 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		
		Cultivated	Total	Rs		

INTERNAL TRANSFERS—concluded

19 8-09						
Upper Burma	Myingyan district	1,644	1,644	11	Pakokku district	No. 593—1 T—11, dated the 19th May 1909
Bengal	Hooghly "	248	495	(a)	Nadia "	No. 3254, dated the 22nd August 1908
	Hoshiarpur "	4	9	7	Ambala "	No. 798, dated the 17th December 1908
Panjab	Ludhiana "	189	1,847	267	Hoshiarpur "	No. 602, dated the 6th October 1908
	Montgomery "	2,702	4,328	1,561	Lyalpur "	No. 634, dated the 23rd October 1908
	Mianwali "	185,169	1,546,906	1,24,239	Muzaffargarh "	No. 211, dated the 9th February 1909
	Thar and Parkar 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
Sind	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 the 25th November 1908
1909-10						
Lower Burma	Amherst district	919	1,920	1,338	Thaton district	No. 334, dated 23rd October 1909
	Nadia "	(a)	1,989	(a)	Hooghly "	No. 4719, dated 14th December 1909
Bengal	Balasore "	(a)	1,747	(a)	Cuttack "	No. 572 Jur., dated 7th February 1910
Panjab	Montgomery "	23	48	25	Lyalpur "	No. 587, dated 20th August 1909
	Lahore "	218,129	(b) 668,468	1,71,378	Gujranwala "	No. 677 S., dated 18th June 1910
	Dangs States	(a)	(a)	224	Khandesh "	No. 8281, dated 24th August 1909
Bombay	Satara district	5,451	5,816	2,070	Sholapur "	No. 11463, dated 26th November 1909
	Karnool "	(a)	59	14	Anantapur "	No. 262, dated 23rd June 1909
Madras	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

(a) No information

(b) To be given effect to in 1910-11

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