



**Season and Crop Report of the
Bombay Presidency for the Year
1908-1909
(1909)**



Government Document

DEPARTMENT OF AGRICULTURE, BOMBAY PRESIDENCY.

SEASON AND CROP REPORT

OF THE

BOMBAY PRESIDENCY

FOR THE YEAR

1908-1909.

BOMBAY
PRINTED AT THE GOVERNMENT CENTRAL PRESS
1909

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No. $\frac{A}{7078}$ OF 1909.

From

G. F. KEATINGE, Esqr., I. C. S.,
Director of Agriculture, Bombay,
Poona;

To

THE CHIEF SECRETARY TO GOVERNMENT,
Revenue Department, Bombay.
Poona, 31st October 1909.

Sir,

I have the honour to submit herewith as usual the Annual Season and Crop Report of the Bombay Presidency for the year ending 31st July 1909.

2. As directed by Government in their Memorandum No. 2513, dated 11th March 1909, a statement has been drawn up and appended (Statement V-A., pages x-xi) comparing the acreage under food-grain crops (cereals and pulses) during the year under report with that in the preceding two years together with the approximate outturn of these crops during the same periods. The results have been shown for the principal divisions of the Presidency and for Sind.

3. The delay in the submission of this report is due partly to the late receipt of the statistical returns from two districts in the Presidency and three in Sind, and partly to the additional work involved by the preparation of the outturn statement mentioned above.

I have the honour to be,

Sir,

Your most obedient servant,

G. F. KEATINGE,
Director of Agriculture.

*ERRATA SLIP TO THE SEASON AND CROP
REPORT OF 1908-09.*

Page 5, last line of statement
in para. 10 against Gujarat read 799 for 499.
Do. .Deccan „ 1,461 „ 1,761.
Page V, Statement III, last
column, total condiments
and spices „ 198,544 „ 198,554.

SEASON AND CROP REPORT OF THE BOMBAY PRESIDENCY FOR 1908-09.

I.—Character of the Season.

1, Statement I (page i post) compares the rainfall of the year (1908-09) with the average fall of rain at each representative station in the Presidency and in Sind. The kharif rains were about average at 10 stations, short of it at 9 and exceeded the average at 8 stations. The rabi rains were in serious defect throughout.

Early rains commenced in the second week of June. They were, however, insufficient to start general sowings except in the west. In July and August rainfall was continuous in Gujarát, Konkan and West Deccan and excessive in some parts especially in Gujarát preventing cultural operations and necessitating resowing in places. In the Eastern Deccan, however, and over most of the S. M. Country they were much in defect; sowings were restricted and those made suffered from want of moisture except in favoured situations. Late rains failed in Upper Gujarát and were moderate in Lower Gujarát. The moisture afforded, however, by the earlier heavy rains was sufficient to carry the early crops through the final stage. The Konkan and Deccan received admirable rains in September which improved the early crops and enabled extensive sowings of rabi crops. Part of the S. M. Country, however, got little or none of this rain. Subsequent rains were light and partial and the rabi crops suffered except in low lying situations and where helped by irrigation. On the whole the condition of crops in Upper Gujarát was fair to moderate, in Lower Gujarát fair to good, in Konkan and West Deccan good, in East Deccan moderate and in S. M. Country fair to poor.

In Sind favourable inundation and good rainfall brought about a considerable extension in cultivated area, but the exceptionally heavy rainfall destroyed or damaged the early crops in some low lying tracts; while the late crops suffered from frost.

II.—Area Cultivated and Uncultivated (Statement II, pp. ii-iii post).

2. In the Presidency proper the figures of gross area show a decline of 88 square miles, 79 in Government and 9 in alienated villages. The decline is due to the following causes:—

(1) the exclusion of about 81 square miles belonging partly to His Highness the Holkar and partly to the Chopda Taluka of East Khándesh which had hitherto been erroneously included in the Shirpur Taluka of West Khándesh District;

(2) the more accurate measurements of the area of alienated villages in the Pátan Taluka of Sátára District;

(3) corrections in survey papers.

In Sind the number of villages has risen by 12, but the area has declined by about 215 square miles. The increase in villages is due to survey operations and to sub-divisions of Dehs. In Karáchi the rough survey of a Tápa in Kotri Taluka has resulted in a decrease of $243\frac{1}{2}$ square miles in area. Part of this has been made up by increases elsewhere due to riparian changes and to survey operations.

The net area for which statistics are available rose by 8,000 acres in the Presidency proper, but declined by 133,000 acres in Sind. In Poona the two villages, which could supply no statistics last year owing to the fact that their records had been destroyed by fire, now supply statistics as before. One alienated village in Nagar and another in Sátára having been surveyed have returned statistics for the first time. In Thána one village has been transferred from alienated to khálsa and in Ratnágiri five new villages have supplied statistics and have been added to the class of villages which return statistics. The decline in Sind is due to causes explained above.

3. *Cultivated, i. e., Occupied Area.*—Appendix A (page 7) compares

Province.	Variations in acres (000 omitted).		
	Net cropped area.	Current fallow.	Net variation in cultivated, i. e., occupied area.
Gujarāt	+ 43	— 55	— 12
Deccan	+313	—312	+ 31
Karnātak	+ 17	— 12	+ 5
Sind	+712	—439	+273

variations in cultivated and uncultivated areas with those of the previous year. They are purely seasonal. The table in the margin shows as usual the variations in the different provinces. In the Panch Mahāls there is a decrease of 11,000 acres, denoting a relinquishment of occupancies, while the increase in the Deccan occurred principally in West Khāndesh and Ahmednagar. The increase in Sind is general.

4. *Uncultivated, i. e., Unoccupied area.*—Variations under these heads naturally correspond with those under the occupied area.

III.—Cropped area of the year (Statement III, pages iv-v).

5. The main features of the season and of the harvest of the year are described elsewhere in the Report. Appendix B (p. 7) shows the effect of the season under report on the area sown as compared with the average and the preceding year's areas under principal crops. In the Presidency proper the area under food crops increased by 5 per cent. over that of the previous year though it is still short of the normal by 1 per cent. The increase is mainly in jowāri, rice and gram. Non-food crops on the other hand fell by 9·15 per cent. below last year's area, the decrease occurring mainly in cotton (15·35 per cent.) for which sowing rains were excessive in Gujarāt and deficient elsewhere. In places preference was given to food grain crops owing to scanty stocks remaining from the previous year's harvests. Oil-seeds showed an increase of 5 per cent., principally owing to extended cultivation of safflower which was sown with rabi jowāri and wheat in the Deccan and Karnātak. In Sind the area under food and non-food crops had risen by 17 and 39 per cent. respectively as a result of the favourable rains and good water-supply.

The sub-joined table compares the kharif and rabi seasons during the three years 1906-07 to 1908-09 in the Presidency proper.

Crops.	Area in acres (000 omitted).					
	1906-07.		1907-08.		1908-09.	
	Cereals.	Pulses.	Cereals.	Pulses.	Cereals.	Pulses.
Kharif	11,443	2,380	10,239	1,984	10,046	1,894
Rabi	4,271	603	5,329	650	6,412	664
Total	15,714	2,983	15,568	2,534	16,458	2,558

6. Detailed remarks on the principal crops grown are given below :—

Jowāri and Bājri.—The principal variations as compared with the previous

No.	District.	Variations in acres (000 omitted).	
		Jowāri.	Bājri.
1	Ahmedabad	+ 3	+ 54
2	Kaira	— 14	+ 26
3	Broach	— 9	+ 5
4	Surat	+ 10	...
5	West Khāndesh	+ 24	+ 32
6	East Khāndesh	+ 43	+ 4
7	Nāsik	+ 10	+101
8	Ahmednagar	+223	— 80
9	Poona	+114	— 73
10	Sholapur	+191	—110
11	Satara	+ 81	— 87
12	Belgaum	+ 22	— 7
13	Bijāpur	+339	—116

year's area are shown in the margin. The marked decrease in bājri and increase in jowāri in the East Deccan are due to deficiency of early rains on the one hand, and to the good September rain, on the other, which encouraged extensive rabi sowings. In Sind there was a general extension in both these cereals owing to favourable inundation and good rain fall. The area under jowāri here rose from 560,000 to 791,000 acres or by 41 per cent. and that under bājri from 970 to 1,111 thousand acres or by 14·5 per cent.

Paddy.—In the Presidency proper the area under paddy improved by

District.	Variations in acres (000 omitted).
Ahmedabad ...	+ 10
Kaira ...	+ 10
Panch Mahals ...	+ 13
Broach ...	+ 8
Surat ...	+ 14
Poona ...	+ 2
Sholapur ...	— 2
Sátara ...	+ 3
Bijapur ...	— 3
Dhárwar ...	+ 4
Thána ...	+ 3
Kolába ...	+ 2
Kánara ...	— 4

61,000 acres as compared with last year's area and by 271,000 acres over the normal. The variations are shown in the margin. The principal increase is contributed by Gujarát where early rains were favourable for the sowing of this crop. In Sind the area fell by 2,000 acres below previous year owing to smaller sowings in Thar and Párkar and Upper Sind Frontier Districts, but is 9 per cent. over the normal.

Wheat.—In the Presidency proper the area under wheat fell by 5,000 acres

District.	Variations in acres (000 omitted.)
Ahmedabad ...	— 4
Panch Mahals ...	+ 4
Surat ...	+ 5
West Khándesh ...	— 9
Násik ...	— 41
Ahmednagar ...	+ 12
Sholapur ...	+ 6
Bijapur ...	+ 15
Dhárwar ...	+ 8

or 0·40 per cent. as compared with the previous year, but as compared with the average it showed a deficit of 345,000 acres or 21·5 per cent. The table in the margin will show that the fall was mainly in Ahmedabad and North Deccan where late rains were particularly deficient. Elsewhere favourable September rains induced larger sowings. In Sind the area exceeded the previous year's figure by 94,000 acres or 22 per cent., Thar and Párkar alone showing a deficit of 11,000 acres owing to insuffi-

ciency of water-supply in two of its canals.

Other Cereals.—These consist chiefly of maize, kodra, rági, rála and vari. Of these rála which is cultivated to a large extent only in the Karnátak showed a fall of 55,000 acres, while kodra cultivation increased by 16,000 acres mainly in Kaira, vari by 11,000 acres and other millets by 14,000 acres. In Sind the area under other cereals about doubled, the principal increase being under barley (+22,000 acres).

Pulses.—Showed an increase of 24,000 acres or about 1 per cent. in the Presidency as compared with last year, but were in deficit of the average by 88,000 acres or 3½ per cent. The area under tur fell by 50,000 acres in Bijapur (—31,000 acres), Ahmednagar (—14,000 acres) and Poona (—5,000 acres); but part of this fall was made up by increases in Gujarát, North Deccan and Sholapur. The area under gram increased by 79,000 acres, Panch Mahals (+27,000 acres) Ahmednagar (+21,000 acres), and Bijapur (+18,000 acres) principally contributing to the increase. Miscellaneous pulses fell by 32,000 acres mainly in East Deccan and Karnátak owing to decreases under kharif cereals with which they are grown. In Sind pulses rose from 344,000 acres in the previous year to 416,000 acres or by 21 per cent. The increase was general and brought about by favourable season.

Tobacco.—The area rose from 66,900 to 69,500 acres in the Presidency.

Sugarcane.—The area under sugarcane advanced by 2,700 acres or 5 per cent. over the previous year. Sátara and Belgaum mainly contributed to the increase owing to plentiful water-supply at the planting season.

Oil seeds.—In the Presidency proper oil seeds showed a net increase of 69,000

District.	Variations in acres (000 omitted).	
	Presidency.	Sind.
Sesamum ...	— 60	+ 25
Linseed ...	+ 9	.....
Safflower ...	+ 130	.....
Rape-seed ...	+ 1	+ 56
Niger seed ...	+ 14	.....
Groundnut ...	— 1	.....
Others ...	— 24	+ 150

acres or 5 per cent. over the previous year's area but were in defect of the average by 205,000 acres or 12 per cent. In Sind the area rose from 264,000 acres in the previous year to 495,000 acres or by 87 per cent. The fluctuations are as noted in the margin. Except in the Panch Mahals and West Khándesh the area under sesamum decreased everywhere in the Presidency either owing to deficiency of sowing rains or to more area being placed under food grain crops. In Sind the increase was general, but most marked in Upper Sind Frontier District. The area under linseed fell by 11,000

acres in North Deccan owing to deficiency of late rains; but this was more than made up by increases in the Karnatak (+ 17,500 acres), principally Bijapur, and East Deccan (+ 2,900 acres). The expansion under safflower was claimed by the East Deccan and Karnatak Districts where it is principally grown, the most marked increase being in Ahmednagar (+ 43,000 acres), Sholapur (+ 33,000 acres), Bijapur (+ 29,000 acres) and Poona (+ 14,000 acres). Rape seed is practically confined to Sind where Larkana and Upper Sind Frontier principally contributed to the increase. The area under Niger seed declined in the Panch Mahals (—9,000 acres) and Bijapur (—6,000 acres), but the deficit was more than covered by increases in other districts principally Nasik (+ 15,000 acres) and Satara (+ 5,000 acres). Groundnut rose by 5,700 acres in Satara and 1,100 acres in East Khandesh, chiefly owing to cultivation of foreign varieties; but the area declined in other districts owing to deficiency of rain at sowing time. Other oil seeds declined by 24,000 acres chiefly owing to decreased sowings of castor seeds in North Gujarat. In Sind the area under other oil seeds, which mostly includes Jambho, rose by 150,000 acres and all districts contributed to the increase.

Cotton.—The area under cotton fell from 3,923,000 acres in 1906-07 and 3,745,000 acres in 1907-08 to 3,170,000 acres in the year under report or by 19 and 15 per cent. respectively. The decrease is general and is due mainly to deficiency of rains in the East Deccan at the time of sowing and to the destruction of seedlings by excessive rain in Gujarat. The districts that mainly contributed to the decrease were Ahmedabad (—67,000 acres), Surat (—27,000 acres), Broach (—26,000 acres), East Khandesh (—50,000 acres), Nasik (—44,000 acres), Ahmednagar (—109,000 acres), Sholapur (—42,000 acres), and Bijapur (—173,000 acres). In Sind the deficit in Hyderabad (—8,600 acres) was more than made up by increase in Thar and Parkar (+ 12,000 acres).

Appendix C (page 8) shows the distribution of the principal food and non-food crops by percentages over the gross area cropped in each district of the Presidency and of Sind.

IV.—Irrigated area (Statement IV, pages vi-vii).

7. The irrigated area of the Presidency proper further expanded during the year by 22,000 acres or 2·6 per cent. bringing the total to 847,000 acres. The increase was mainly under Government canals and wells and confined to East Deccan and Karnatak, where the ample rains in September provided the water-supply and absence of further rains made its use necessary. In Sind the irrigated area rose from 2,893,000 acres in the previous year to 3,458,000 acres or by 19·5 per cent. principally under Government canals. The ratio of irrigated area to net cropped area was practically the same as last year, both in the Presidency proper and in Sind, thus showing that irrigation kept pace with extension in cropped area.

8. Appendix D (1) (page 9) exhibits variations under several heads of irrigation and crops irrigated as compared with similar details for the previous year.

Irrigation from Government canals increased by 16,000 acres or 12·5 per cent. in the Presidency proper. Poona (+ 5,800 acres), Ahmednagar (+ 5,000 acres) and Nasik (+ 3,700 acres) in the Deccan, and Ahmedabad (+ 2,700 acres) and Kaira (+ 2,400 acres) in Gujarat, mainly contributed to the increase. The area under well irrigation expanded in East Deccan and Karnatak by 25,000 acres but fell in Kaira (—11,000 acres), Ahmedabad (—5,000 acres) and Nasik (—5,000 acres), leaving a net increase of 4,000 acres only. Tank irrigation was resorted to, to a larger extent in Ahmedabad (+ 5,500 acres) and Belgaum (+ 1,500 acres), but declined in Dhárwar (—2,600 acres) and Surat (—1,900 acres), leaving a net increase of only 1,000 acres. Irrigation from "other sources," chiefly pats and bandharas, increased by 5,800 acres in Satara and declined to an equal extent in Nasik. Elsewhere the variations are small, the net increase coming to 1,300 acres. In Sind, the area under Government canals expanded by 527,000 acres or 19·7 per cent. over the previous year; that under private canals nearly doubled and that from other sources showed a rise of 18 per cent. Well irrigation, which is resorted to only to a small extent in Sind declined by 11,000 acres or 36 per cent.

As regards the crops grown under irrigation, in the Presidency proper wheat showed a decline of 8,000 acres or 4·5 per cent., while rice and other food

crops increased by 30,000 acres. The deficit under wheat was principally in Ahmedabad and North Deccan. Rice extended by 8,000 acres in Ahmedabad and more than covered the deficiency in Surat, Kaira and Dhárwár. The increase under other cereals and pulses (principally jowári and gram) was contributed by East Deccan and Karnátak. Sugarcane increased by 2,700 acres, chiefly in Sátára and Belgaum. In Sind, rice declined by 12,000 acres in Thar and Párkar and Upper Sind Frontier, and wheat by 14,000 acres in Thar and Párkar. These deficiencies have been more than made up by large expansions elsewhere.

The number of masonry wells for irrigation increased by 2,287 and of non-masonry ones by 828. Other sources of irrigation increased by 934 due principally to non-masonry bandháras in Sátára being shown for the first time (Appendix D (2), page 9).

V.—Outturn of crops.

9. Statement V (page viii) shows the estimated outturn of principal kharif and rabi crops in parts of 100 which is taken as the normal. It is prepared from district estimates which are returned in annas taking 12 annas to represent a normal or average crop. The figures must, however, be taken as approximate, and are probably underpitched in some cases.

In North Gujarát, West Khándesh and western parts of South Deccan and Karnátak the outturn of kharif crops ranged from 40 to 75 per cent. of the normal. In Sholápur and Bijápur and East Deccan, it was as low as 8 to 25 per cent. In South Gujarát and the Konkan the estimated outturn lay between 80 to 100 per cent. Rabi crops assisted by irrigation yielded well. Dry-crops suffered from absence of moisture and their outturn was about 40 to 75 per cent. in Gujarát and 25 to 50 per cent. in other districts. In Sind the outturn ranged between 60 to 90 per cent. chiefly owing to damage through insects and frost.

10. As directed by Government, a statement is worked out and appended (V-A, pp. x-xi) comparing for each agricultural division of the Presidency the acreage under different food-grains (cereals and pulses) and their approximate outturn in tons during the year under report with similar statistics for the two preceding years. The following table sums up the results for the different provinces:—

Acreage and outturn..	Gujarát.	Deccan.	Karnátak.	Konkan.	Total Presidency.	Sind.
<i>A.—Acreage.</i>		In thousands of acres (000 omitted).				
1908-09 ...	2,309	10,758	4,833	1,116	19,016	3,828
1907-08 ...	2,048	10,274	4,659	1,121	18,102	3,262
1906-07 ...	2,272	10,367	4,929	1,129	18,697	3,834
<i>B.—Outturn.</i>		In thousands of tons (000 omitted).				
1908-09 ...	681	1,437	686	479	3,283	1,123
1907-08 ...	447	1,085	855	451	2,841	782
1906-07 ...	499	1,761	952	480	3,692	1,201

VI.—Prices, Trade and Stock.

11. The appended Statement VI (page xii) gives in detail the average annual prices ruling at each district head-quarter station. Prices ruled high everywhere, as in the previous year, and in the Karnátak higher than in the previous year.

The prices of food-grains fluctuated slightly in some localities in sympathy with the harvest obtained in the vicinity; but the nature of the season, though fairly good, failed to bring about any general fall in prices, except in Sind, where there was a small but general fall.

The crops of wheat and gram were better than in the previous year; but in spite of this prices ruled higher.

The outturn of the cotton crop was estimated at 1,369,000 bales, 16 per cent. above the previous year and 21 per cent. above the average. Prices, however, went up, especially for the short stapled Khándesh variety which represents nearly $\frac{3}{4}$ th of the whole.

The table below indicates the variations :—

Variety.	Price per bale of 400 lbs.			Per centage increase (+) or decrease (-)	
	Average for 5 years ending 1907.	Average for 7 months ending 31st July.		Over average.	Over the price for 1903.
		1908.	1909.		
	Rs.	Rs.	Rs.		
Broach	129	130	130	+ 0.78	...
Khándesh	99	99	111	+ 12.12	+ 12.12
Dhárwár	121	122	127	+ 4.96	+ 4.10

VII.—Agricultural Stock.

12. In the ordinary course the quinquennial census of agricultural stock was due in 1910-11. Under the orders of Government*, however, it was specially taken in August last. The information is being received and separately submitted to Government. The statistics will appear in the next Annual Report. Rinderpest which had done much havoc during the last two years considerably abated and the reported deaths from this cause numbered during the year less than 5,000. Kánara and Broach were the most affected, while East Khándesh, Násik, Nagar, Ratnágiri and Surat were practically free.

VIII.—Agricultural Deterioration.

13. As mentioned above, the season on the whole was fair in Gujarát and West Deccan, but poor in East Deccan and Karnátak. Large suspensions of land revenue had therefore to be granted in the affected tracts and some remissions of land and irrigation revenue. The cultivators were also assisted by tagái grants. Labour was scarce everywhere, and particularly in Sind where few of the ordinary immigrants (Márwádis and Punjábis) came, owing to a good season in their own country. The deficiency of cattle caused by the famine has not yet been made up.

IX.—Condition of Agricultural population.

14. Wages continued at the level of the year before.

In Násik, Bijápur and Dhárwár relief works were opened; elsewhere conditions were normal.

G. F. KEATINGE,
Director of Agriculture.

Details.		Presidency Propr.			Sind.		
		1907-08.	1908-09.	Increase (+) or decrease (—) per cent.	1907-08.	1908-09.	Increase (+) or decrease (—) per cent.
<i>A.—Cultivated area.</i>							
Gross area cropped	...	23,844	24,219	+1·70	3,899	4,696	+20·44
Area cropped more than once	...	509	520	+2·16	292	378	+29·45
Net area cropped	...	23,335	23,729	+1·69	3,607	4,318	+19·71
Current fallows	...	7,232	6,861	—5·13	5,274	4,835	—8·32
Assessed	...	30,500	30,517	+0·06	8,090	8,306	+2·67
Unassessed	...	67	73	+8·96	791	847	+7·08
Total A	...	30,567	30,590	+0·07	8,881	9,153	+3·06
<i>B.—Uncultivated area.</i>							
Available for cultivation.	{ Assessed ...	975	952	—2·36	1,384	1,398	+1·01
	{ Unassessed ...	266	249	—6·39	4,381	4,217	—3·74
Not available for cultivation.	{ Forest ...	7,381	7,424	+0·58	680	677	—0·44
	{ Others ...	5,180	5,162	—0·35	14,620	14,363	—1·76
Total B	...	13,802	13,787	—0·11	21,065	20,655	—1·94
Grand Total	...	44,369	44,377	+0·02	29,946	29,808	—0·46

APPENDIX B.

Cropped Area.

Area in acres (000 omitted).

Crops.	Presidency Proper.					Sind.				
	Normal.	1907-08.	1908-09.	Percentage by which area in col. 4 exceeds (+) or falls short of (-) that in		Normal.	1907-08.	1908-09.	Percentage by which area in col. 9 exceeds (+) or falls short of (-) that in	
				Col. 2.	Col. 3.				Col. 7.	Col. 8.
1	2	3	4	5	6	7	8	9	10	11
Jowári ...	7,506	6,316	7,362	- 1.92	+ 16.56	639	560	791	+ 23.79	+ 41.25
Bájrí ...	4,413	4,543	4,744	+ 7.60	- 4.03	835	970	1,111	+ 33.05	+ 14.54
Paddy ...	1,334	1,514	1,695	+ 20.31	+ 3.95	856	936	934	+ 9.11	- 0.21
Wheat ...	1,603	1,263	1,258	- 21.52	- 0.40	459	422	516	+ 3.41	+ 22.27
Others ...	1,764	1,502	1,489	- 15.59	- 0.86	26	30	59	+ 126.92	+ 96.67
Total Cereals ...	16,620	15,568	16,458	- 0.97	+ 5.71	2,855	2,918	3,411	+ 19.47	+ 16.90
Tur ...	569	487	464	- 18.31	- 4.72	...	...	...	...	...
Gram ...	623	412	491	- 21.19	+ 19.17	75	117	144	+ 92.00	+ 28.08
Others ...	1,453	1,635	1,603	+ 10.17	- 1.96	220	227	272	+ 23.64	+ 19.82
Total Pulses ...	2,646	2,534	2,558	- 3.33	+ 0.95	295	344	416	+ 41.02	+ 20.93
Tobacco ...	77	67	69	- 10.39	+ 2.93	9	8	7	- 22.22	- 12.50
Sugarcane ...	60	58	61	+ 1.66	+ 5.17	3	4	4	+ 33.33	...
Oil-seeds ...	1,669	1,995	1,461	- 12.23	+ 4.95	402	264	495	+ 23.13	+ 87.50
Cotton ...	2,956	3,745	3,170.	+ 7.24	- 15.35	180	257	257	+ 42.78	...
Other Crops...	461	478	469	+ 1.74	- 1.47	94	103	106	+ 13.77	+ 2.91
Total Food-crops...	19,482	18,314	19,226	- 1.31	+ 4.98	3,194	3,317	3,886	+ 21.67	+ 17.15
Total Non-Food crops.	5,007	5,529	5,023	+ 0.32	- 9.15	644	581	810	+ 25.78	+ 39.41
Total Crops...	24,489	23,843	24,249	- 0.98	+ 1.70	3,838	3,898	4,696	+ 22.36	+ 20.47

APPENDIX C.

Distribution of Crops.

Percentages on district Gross Cropped Areas.

No.	District.	Food-crops.									Non-food crops.			Total.	
		Cereals.							Pulses.	Others.	Cotton.	Oil-seeds.	Others.	Food-crops.	Non-food crops.
		Jowari.	Bajri.	Paddy.	Wheat.	Congee grains.	Others.	Total.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A.—PRESIDENCY PROPR.															
I.—Gujardt.															
1	Abmedabad	19	17	5	16	4	2	63	9	...	23	4	1	72	28
2	Kaira	7	30	13	2	25	1	78	11	1	2	4	4	90	10
3	Panch Mahals	1	11	13	2	16	27	70	16	...	2	9	3	86	14
4	Broach	25	2	3	7	1	...	39	10	1	48	2	1	49	51
5	Surat	24	2	18	3	7	...	54	14	1	25	5	1	69	31
Average { 1908-09		16	14	9	8	10	4	61	10	...	23	5	1	71	29
1907-08		17	12	8	8	8	4	57	9	1	25	6	2	67	33
II.—Deccan.															
6	West Khândesh	7	30	2	0	3	1	49	11	..	30	9	1	69	40
7	East Khândesh	20	17	...	2	...	...	39	15	1	42	2	1	55	45
8	Nâsik	4	49	3	8	7	...	70	16	1	2	10	1	87	13
9	Ahmednagar	36	37	...	5	2	...	80	10	..	2	7	1	90	10
10	Poona	38	33	4	4	3	...	82	9	2	...	6	1	93	7
11	Sholapur	71	7	...	2	...	1	81	7	...	1	9	2	88	12
12	Sâtara	35	23	3	3	7	1	72	16	2	1	7	2	90	10
Average { 1908-09		31	29	2	4	3	...	69	12	1	10	7	1	81	18
1907-08		27	31	2	4	3	...	67	12	1	12	7	1	80	20
III.—Karnatak.															
13	Belgaum	33	12	7	5	8	1	66	13	1	13	3	4	80	20
14	Bijapur	56	11	...	6	1	..	74	6	..	13	7	...	80	20
15	Dhârwar	28	1	7	10	7	...	53	10	1	29	4	3	64	36
Average { 1908-09		41	8	4	7	5	...	65	9	1	13	5	2	75	25
1907-08		36	9	4	7	6	...	62	9	1	21	5	2	72	28
IV.—Konkan.															
16	Thâna	...	...	72	...	18	...	90	5	2	...	2	1	97	3
17	Kolâba	...	...	60	...	21	...	93	5	1	...	1	...	99	1
18	Batnâgiri	...	...	41	...	38	...	79	10	5	...	4	2	94	...
19	Kânara	...	...	75	...	2	...	77	2	10	...	...	11	69	11
Average { 1908-09		...	...	67	...	19	...	86	5	4	...	2	3	95	5
1907-08		...	...	67	...	20	...	87	6	3	...	2	3	95	5
Average A... { 1908-09		30	20	7	5	5	1	68	10	1	13	6	2	79	21
1907-08		27	21	6	5	5	1	65	11	1	16	6	1	77	23
B.—SIND.															
20	Karachi	12	11	42	4	...	8	77	0	2	...	9	0	85	15
21	Hyderabad	13	24	19	5	...	...	71	2	1	11	13	2	74	23
22	Sukkur	27	3	13	36	...	...	79	13	1	...	6	1	93	7
23	Larkana	27	1	30	12	...	...	70	15	1	..	13	1	86	14
24	Upper Sind Frontier	25	10	11	13	...	1	60	20	1	...	10	...	81	19
25	Thar and Parkar	3	63	11	3	...	...	79	2	1	13	5	...	82	18
Average B... { 1908-09		17	24	20	11	...	1	73	9	1	5	11	1	83	17
1907-08		14	25	24	11	...	1	75	9	1	6	7	2	85	15
Average for the Presidency. { 1908-09		28	20	9	6	4	1	63	10	1	12	7	2	79	21
1907-08		25	21	9	6	5	1	67	10	1	11	6	2	78	22

APPENDIX D.

(1). Irrigated Area.

Area in acres (000 omitted).

Details.	Presidency Proper.			Sind.		
	1907-08.	1908-09.	Increase (+) or Decrease (—).	1907-08.	1908-09.	Increase (+) or Decrease (—).
<i>A.—Area Irrigated.</i>						
Irrigated from Govt. Canals.	128	144	+12.50	2,680	3,207	+19.66
Do. Private Canals	17	16	—5.88	20	39	+95.00
Do. Wells ...	481	485	+0.83	30	19	—36.66
Do. Tanks ...	115	116	+0.87	...	...	...
Do. Other sources.	84	86	+2.38	163	193	+18.40
Total, A.—Area Irrigated...	825	847	+2.66	2,893	3,458	+19.53
<i>B.—Crops Irrigated.</i>						
Rice	173	177	+2.31	936	934	—0.21
Wheat	178	170	—4.49	313	384	+22.69
Sugarcane	56	59	+5.36	4	4	...
Other crops	507	526	+3.75	1,925	2,502	+29.97
Total, B.—Crops Irrigated...	914	932	+1.97	3,178	3,824	+20.33

NOTE.—The difference between totals A and B is due to the inclusion in the latter of the area cropped more than once.

(2). Sources of Water-supply.

Wells, tanks and other sources.	1907-08.		1908-09.		Increase.		Decrease.	
	Pakka.	Kacha.	Pakka.	Kacha.	Pakka.	Kacha.	Pakka.	Kacha.
Wells for irrigation	154,340	95,580	156,627	96,408	2,287	828	...	...
Other wells (exclusive of those in disuse)	98,502	46,392	101,513	46,811	3,016	419	...	...
Tanks for irrigation	792	12,040	921	11,788	129	...	...	252
Other tanks (exclusive of those in disuse)	2,123	19,214	2,196	19,187	73	...	...	27
Other sources of irrigation ...	585	8,577	649	9,511	64	934	...	...
Other sources (exclusive of those in disuse)	7,024	8,007	6,646	8,288	...	281	378	...

NOTE.—This return is not supplied for Sind districts.

STATEMENT I.

Comparative statement of the average fall of rain from 1st June 1908 to 31st May 1909 at each of the representative stations of the districts in the Bombay Presidency.

District Head-Quarter Station.	Kharif Rains (1st June to 30th September).				Rabi Rains (1st October to 28th February).				Hot weather Rains (1st March to 31st May).				Total.			
	Average.		1908.		Average.		1908-09.		Average.		1909.		Average.		1908-09.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
<i>Deccan.</i>	Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		Ins.		Ins.	
1 Dhulia ...	21.10	30	16.79	33	2.16	5	0.21	1	0.48	1	0.96	2	23.74	36	17.96	36
2 Jalgaon ...	23.38	42	32.37	48	2.41	3	0.15	1	0.78	1	0.16	1	31.57	46	32.38	50
3 Násik ...	24.39	44	15.62	31	3.35	2	1.23	3	1.02	1	0.71	3	28.76	47	17.56	37
4 Ahmednagar ...	19.24	29	20.08	29	3.62	8	0.93	3	1.32	3	3.88	6	24.18	40	24.89	38
5 Poona ...	22.32	37	21.44	38	6.98	8	1.47	2	1.57	4	1.48	5	30.37	49	24.39	45
6 Sholapur ...	22.28	31	24.70	35	4.66	7	0.13	1	2.22	4	2.67	4	29.16	42	27.50	40
7 Sátára ...	30.08	55	41.60	72	6.14	9	0.59	3	3.15	6	2.15	4	39.37	70	44.34	79
8 Hilly Deccan tract ...	63.53	66	71.48	80	4.33	5	1.13	2	1.68	3	0.39	1	69.54	74	73.05	83
<i>Karnatak.</i>																
9 Belgaum ...	38.87	62	44.10	71	7.59	12	0.95	4	5.84	9	2.14	7	52.30	83	47.19	82
10 Bijápur ...	16.41	26	15.51	22	6.02	10	0.20	1	2.69	6	2.03	5	25.12	42	17.74	28
11 Dhárwár ...	19.60	45	16.33	39	7.26	12	1.88	6	6.51	10	3.95	9	33.37	67	22.16	54
12 Hilly Karnatak tract.	60.54	65	64.37	61	6.32	8	2.50	5	3.85	7	1.81	3	70.71	80	68.68	69
<i>Konkan.</i>																
13 Kárwár ...	115.25	90	135.32	87	6.78	11	0.79	2	4.47	4	6.56	5	126.50	105	142.67	94
14 Ratnágiri ...	95.94	85	84.86	88	5.31	6	0.54	2	1.76	1	0.06	...	103.01	92	85.46	90
15 Alibág ...	85.04	78	70.22	84	3.02	4	0.18	1	1.07	1	...	...	89.13	83	70.40	85
16 Thána ...	98.55	86	86.97	92	3.53	5	0.66	1	2.13	1	0.04	...	104.21	92	87.67	93
<i>Gujarat.</i>																
17 Súrat ...	36.03	44	47.12	47	2.37	3	0.03	...	0.16	...	0.04	...	38.56	47	47.19	47
18 Broach ...	41.46	41	28.18	44	1.62	3	0.02	...	0.13	...	0.57	1	43.21	44	28.77	45
19 Kaira ...	31.34	39	32.60	41	0.75	2	0.12	...	0.12	...	0.08	...	32.21	41	32.80	41
20 Godhra ...	39.36	43	40.76	53	1.05	3	0.21	1	0.23	1	1.51	2	40.64	47	42.43	61
21 Ahmedabad ...	31.79	35	32.39	46	0.93	2	0.07	...	0.17	...	0.04	...	32.89	37	32.50	46
<i>Sind.</i>																
22 Karáchi ...	5.55	6	6.24	6	0.95	2	0.86	2	0.55	1	...	...	7.05	9	7.10	8
23 Hyderabad ...	4.20	7	19.10	10	0.36	2	0.11	1	0.38	1	...	...	4.94	10	19.21	11
24 Lárkána ...	1.80	5	1.73	5	0.36	3	0.06	...	0.53	1	0.12	...	2.69	9	1.91	5
25 Sukkur ...	1.43	4	1.91	5	0.49	3	0.02	...	0.63	1	0.24	1	2.55	8	2.17	6
26 Umámkot ...	4.18	9	14.28	15	0.19	1	0.11	1	0.38	1	0.22	1	4.75	11	14.61	17
27 Jacobabad ...	2.01	4	2.80	6	0.49	3	0.46	1	0.62	1	0.36	2	3.12	8	3.62	9

STATEMENT

Area as classified with details of area under cultivation

No.	District.	Area by Village Papers.	Deduct area for which no returns exist.	Net area for which statistics are available.	CULTIVATED			
					Gross area cropped.	Deduct area cropped more than once.	Remainder net cropped area.	Add current fallow.
	1	2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY PROPER.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>Gujarāt.</i>								
1	Ahmedabad ...	2,447,568	250,191	2,197,374	1,050,916	23,432	1,027,484	566,803
2	Kaira ...	1,021,553	82,601	938,952	629,186	14,538	614,948	103,694
3	Panch Mahāls ...	1,027,872	.....	1,027,872	442,690	47,330	395,360	226,240
4	Broach ...	939,885	16,721	921,164	551,529	390	551,139	95,499
5	Surat ...	1,056,310	23,146	1,033,164	516,134	36,340	479,794	286,272
<i>Deccan.</i>								
6	West Khāndesh ...	3,481,318	946,129	2,535,189	1,337,505	19,293	1,318,212	149,731
7	East Khāndesh ...	2,912,497	248,570	2,663,927	1,971,094	17,021	1,954,073	46,032
8	Nāsik ...	3,757,203	57,331	3,699,872	1,943,182	24,241	1,918,941	482,905
9	Ahmednagar ...	4,227,685	77,316	4,150,369	2,711,549	32,781	2,678,818	457,558
10	Poona ...	3,433,972	54,856	3,379,116	1,889,797	66,881	1,822,916	671,811
11	Sholāpur ...	2,909,911	.....	2,909,911	1,939,439	25,709	1,918,730	549,229
12	Sātara ...	3,087,761	202,073	2,885,688	1,553,873	104,539	1,449,334	684,580
<i>Karnātak.</i>								
13	Belgaum ...	2,952,710	142,760	2,809,950	1,629,707	25,275	1,604,432	509,515
14	Bijāpur ...	3,652,681	11,971	3,640,710	2,818,463	3,155	2,815,308	391,771
15	Dhārwar ...	2,946,845	75,618	2,871,227	2,049,650	27,880	2,022,270	323,794
<i>Konkan.</i>								
16	Thāna ...	2,288,851	65,860	2,222,991	438,743	4,802	438,946	555,291
17	Kolāba ...	1,387,436	65,550	1,321,886	362,119	12,485	349,634	398,814
18	Ratnāgiri ...	2,554,538	1,911,537	643,001	172,728	10,721	162,007	242,640
19	Kānara ...	2,525,178	.....	2,525,178	240,869	23,816	217,053	118,950
Total A ...		48,611,774	4,234,233	44,377,541	24,249,478	520,079	23,729,399	6,860,959
B.—SIND.								
20	Karāchi ...	7,510,280	.....	7,510,280	429,821	27,323	402,493	363,660
21	Hyderabad ...	5,138,273	.....	5,138,273	1,128,151	28,983	1,099,163	1,455,970
22	Sukkur ...	3,471,784	.....	3,471,784	600,094	62,382	537,712	544,285
23	Lārkāna ...	3,231,291	.....	3,231,291	1,001,905	188,524	813,381	654,177
24	Upper Sind Frontier ...	1,692,422	124,908	1,567,514	553,411	56,175	497,236	471,943
25	Thar and Pārkar ...	8,888,984	.....	8,888,984	982,358	14,516	967,842	1,344,763
Total B ...		29,933,034	124,908	29,808,126	4,695,740	377,913	4,317,827	4,834,813
GRAND TOTAL ..		78,544,808	4,359,141	74,185,667	28,945,218	897,992	28,047,226	11,695,777

II.

in each district of the Bombay Presidency, 1908-1909.

CULTIVATED AREA.			UNCULTIVATED AREA.					District.	No.
Total, Columns 7 and 8.	Details of Column 9.		Available for cultivation.		Not available for cultivation.		Total, Columns 12 to 15.		
	Assessed land.	Unassessed land.	Assessed land.	Unassessed land.	Forest.	Others.			
9	10	11	12	13	14	15	16	1	
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		
A.—BOMBAY PRESIDENCY PROPER.									
<i>Gujarat.</i>									
1,593,787	1,592,393	1,394	116,064	10,107	13,115	464,301	603,587	Ahmedabad ...	1
718,642	718,026	616	97,384	1,133	.....	121,793	220,310	Kaira ...	2
621,600	619,795	1,805	61,126	38,350	212,236	94,510	403,272	Panch Mahals ...	3
646,638	638,824	7,814	25,490	1,439	.....	247,597	274,526	Broach ...	4
766,066	750,119	15,947	24,426	6,945	46,372	189,355	267,098	Surat ...	5
<i>Deccan.</i>									
1,467,943	1,466,026	1,917	233,000	24,343	537,388	272,515	1,067,246	West Khándesh ...	6
2,000,105	1,998,496	1,609	59,245	14,800	279,203	310,569	663,822	East Khándesh ...	7
2,401,848	2,401,430	416	64,420	14,163	801,559	417,884	1,293,026	Nasik ...	8
3,136,376	3,133,598	2,778	34,106	15,137	540,291	424,459	1,013,993	Ahmednagar ...	9
2,494,727	2,491,451	3,276	11,333	1,543	450,231	421,282	884,369	Poona ...	10
2,462,959	2,462,524	435	13,051	3,267	177,332	253,302	446,952	Sholapur ...	11
2,134,214	2,133,474	740	21,041	5,378	450,225	274,830	751,474	Satara ...	12
<i>Karnatak.</i>									
2,113,947	2,112,983	964	36,263	37,827	433,853	188,060	696,008	Belgaum ...	13
3,207,079	3,206,803	276	35,412	20,548	184,890	192,781	433,631	Bijapur ...	14
2,346,064	2,345,290	774	54,313	8,043	237,630	225,177	525,163	Dharwar ...	15
<i>Konkan.</i>									
989,237	964,729	24,508	15,023	19,190	673,592	525,949	1,233,754	Thana ...	16
748,448	741,360	7,088	3,646	19,654	311,629	238,509	573,438	Kolaba ...	17
404,647	404,590	57	2,169	5,716	9,595	220,874	238,354	Ratnagiri ...	18
336,033	335,502	531	44,379	1,146	2,064,975	78,145	2,189,145	Kanara ...	19
13,590,358	30,517,413	72,945	952,391	248,729	7,424,171	5,161,892	13,787,183	Total A.	
B.—SIND.									
766,153	647,695	118,458	116,037	1,148,392	143,512	5,335,666	6,744,127	Karachi ...	20
2,555,133	2,487,096	67,437	534,989	761,017	149,933	1,137,201	2,583,140	Hyderabad ...	21
1,081,997	835,806	246,191	184,751	551,301	254,508	1,399,227	2,389,787	Eukkur ...	22
1,467,558	1,375,816	91,742	434,812	698,393	58,748	771,780	1,763,733	Larkana ...	23
969,179	896,974	72,205	95,703	170,493	29,190	302,949	598,335	Upper Sind Frontier ...	24
2,312,625	2,061,619	251,006	231,371	887,636	41,230	5,416,122	6,570,359	Thar and Parkar ...	25
9,152,645	8,805,606	847,039	1,397,663	4,217,732	677,121	14,362,965	20,655,481	Total B.	
39,743,003	38,823,019	919,984	2,350,054	4,466,461	8,101,292	19,524,857	34,442,664	GRAND TOTAL.	

STATEMENT III.—

Cropped area in each District of

Crops.		Ahmed- abad.	Kaira.	Panch Mahals.	Broach.	Surat.	West Khandesh.	East Khandesh.	Nasik.	Ahmed- nagar.	Poona.	Sholapur.	Satara.
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Cereals and Pulses.	1. Rice	50,984	79,986	56,853	17,141	93,981	29,518	1,440	60,787	14,861	72,490	8,042	41,749
	2. Wheat	166,079	14,377	7,114	38,807	15,613	74,436	44,300	150,862	123,616	66,427	32,068	46,390
	3. Barley	11,548	3,043	1,942	...	...	...	3	...	315	942	1,655	2,363
	4. Cholum or Jowar	202,365	45,760	6,575	135,589	123,451	92,235	331,533	73,913	965,707	725,647	1,369,021	551,373
	5. Oumbu or Bajri	181,011	102,080	49,482	14,060	8,370	405,632	335,365	634,150	1,016,312	613,710	135,761	362,423
	6. Ragi	2,830	51,579	17,410	215	12,011	9,728	23	104,961	23,015	35,321	37	42,776
	7. Maize	2,526	407	115,226	16	9	6,125	1,053	2,729	1,028	1,291	8,530	8,808
	8. Gram	26,762	4,459	34,859	1,499	1,118	41,147	11,507	53,275	49,891	39,616	36,776	52,200
	9. Other food-grains, including pulses.	101,582	169,685	90,545	59,844	99,012	139,421	293,087	289,539	243,362	162,250	109,695	253,877
Total ...		745,957	561,956	380,041	266,971	354,445	798,240	1,068,316	1,670,306	2,438,637	1,718,194	1,701,575	1,362,264
Oil-seeds ...	10. Linseed	561	84	37	...	...	2,453	1,280	15,649	12,910	953	13,736	3,336
	11. Til or Jinjili	18,731	12,128	36,895	11,463	4,069	90,171	38,067	75,421	24,763	3,905	4,716	294
	11a. Rapo and Mustard	2,362	549	914	22	240	17	4	108	17	25	...	...
	12. Others	25,724	11,555	3,929	2,443	20,363	24,347	7,450	109,318	158,845	117,989	159,432	112,636
Total ...		47,378	24,316	41,775	13,928	24,681	116,988	46,760	200,496	195,950	122,872	182,881	116,316
Sugar ...	13. Condiments and Spices ...	3,435	4,440	914	516	1,254	15,294	14,297	6,017	4,926	9,366	7,938	13,926
	14. Sugarcane	886	40	131	97	3,166	749	654	4,675	1,782	13,860	2,195	11,907
	15. Others ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Total ...		886	40	131	97	3,166	749	654	4,675	1,782	13,860	2,195	11,907
Fibres ...	16. Cotton	243,050	10,601	7,885	282,428	126,621	395,913	820,151	40,668	36,409	532	16,635	20,330
	17. Jute ... ..	...	...	...	...	...	...	...	...	...	...	...	...
	18. Others	1,794	4,346	10,011	41	1,609	5,244	10,155	7,628	20,414	5,186	17,565	7,867
Total ...		244,844	14,967	17,896	282,469	128,229	401,157	830,306	48,294	56,823	6,618	34,400	28,697
Dyes ...	19. Indigo ... ..	...	...	...	...	...	18	34	...	...	...	56	...
	20. Others	635	1,038	...	...	...	3	...	...	...	...	...	...
Total ...		635	1,038	...	...	...	21	34	...	...	...	56	...
Drugs and Narcotics.	21. Opium ... ..	...	...	...	...	...	...	...	...	...	...	...	...
	22. Coffee ... ..	...	...	...	...	...	...	...	...	...	1	...	5
	23. Tea ... ..	...	...	...	...	1	...	...	...	...	4	...	13
	24. Tobacco	3,058	15,918	850	3,180	519	890	3,244	1,233	4,562	904	2,724	6,074
	25. Cinchona ... ..	...	...	...	...	...	...	...	...	...	...	...	...
	26. Indian Hemp ... ..	...	...	...	...	...	...	...	...	103	...	...	43
	27. Others ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Total ...		3,058	15,918	850	3,180	520	890	3,244	1,238	4,665	900	2,724	6,134
28. Fodder Crops		910	5,414	413	1,939	52	440	339	3,174	3,195	1,658	930	597
29. Orchard and Garden produce		3,398	1,319	667	2,375	3,615	3,706	7,093	8,379	5,537	16,218	6,647	8,431
30. Miscellaneous {	Food ...	...	...	...	...	...	...	...	29	2	...	...	...
	Crops. { Non-food ...	415	48	3	54	172	14	51	74	62	206	79	541
31. Grand Total		1,050,918	629,486	442,690	551,529	516,134	1,337,505	1,971,094	1,943,182	2,711,519	1,859,797	1,939,439	1,553,873
32. Area cropped more than once.		23,432	14,538	47,330	390	36,340	19,283	17,021	24,241	32,731	66,681	25,709	104,539
33. Net area cropped		1,027,486	614,948	395	551,139	479,794	1,318,212	1,954,073	1,918,941	2,678,818	1,822,916	1,913,730	1,449,334

(Imperial Form A-3.)

the Bombay Presidency 1908-09.

Belgaum.	Bijapur.	Dharwar.	Thana.	Kolaba.	Batnagiri.	Kanara.	Total Presidency proper.	Karachi.	Hyder- abad.	Sukkur.	Larkana.	Upper Sind Frontier.	Thar and Parker.	Total Sind.	Grand Total
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
107,737	3,659	149,829	315,732	250,465	70,977	179,674	1,605,084	181,568	211,286	76,826	294,207	59,400	110,971	934,323	2,539,387
85,405	179,421	212,840	211	...	...	...	1,257,786	17,696	59,339	214,706	133,039	69,408	31,577	515,816	1,773,601
88	2,150	10	...	...	...	...	24,569	32,270	4,847	758	4,169	285	423	43,763	67,331
545,508	1,567,556	575,111	235	...	...	320	7,361,969	49,213	147,436	160,999	270,813	140,279	22,709	791,449	8,163,446
192,092	292,963	9,562	...	...	4	...	4,744,047	46,839	377,698	16,225	9,916	57,890	602,626	1,110,084	5,664,731
32,632	74	42,542	52,576	42,044	33,681	8,865	508,973	505	12	14	11	...	...	542	509,515
11,948	1,396	43	23	...	2	329	161,589	908	523	1	...	25	753	2,210	163,799
35,659	58,258	40,827	1,593	1,083	14	387	490,920	683	5,878	33,337	27,284	76,419	206	143,784	634,704
272,054	141,221	272,991	48,392	61,561	47,893	5,353	2,861,389	26,268	20,994	46,038	128,599	39,182	24,965	236,046	3,147,435
1,253,373	2,246,898	1,302,754	418,812	1,355,153	152,546	189,923	19,016,336	855,430	629,053	548,933	658,038	442,031	704,230	3,827,015	22,843,951
2,011	71,526	19,245	...	...	...	11	149,241	14	...	...	...	...	...	14	148,255
7,495	8,605	13,718	1,796	2,759	332	101	355,434	10,593	11,877	6,223	6,558	36,747	5,573	77,571	433,005
78	3	208	17	...	3	...	4,576	6,807	12,240	10,227	47,317	40,393	8,795	120,779	125,855
44,215	101,408	41,457	7,470	1,169	7,324	237	957,361	23,434	117,525	19,218	75,681	29,526	34,949	299,333	1,250,004
53,829	181,542	74,628	9,283	3,948	7,659	379	1,465,612	39,848	141,643	35,668	129,556	106,666	44,317	497,007	1,963,300
19,648	3,126	53,752	1,206	444	1,891	25,693	193,113	402	297	649	2,323	603	1,257	5,431	198,554
11,509	1,284	3,724	368	41	454	3,039	60,570	1,139	1,575	389	204	20	494	3,821	64,391
...
11,509	1,284	3,724	368	41	454	3,039	60,570	1,139	1,575	389	204	20	494	3,821	64,391
217,110	370,591	600,806	4	...	...	...	3,170,432	354	124,060	2,476	383	580	129,004	256,737	3,427,169
...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1
11,283	7,472	4,765	1,752	289	2,475	129	120,844	56	306	11	114	18	125	630	121,474
228,303	373,063	605,572	1,756	289	2,475	129	3,291,277	310	124,366	2,467	497	578	129,129	257,367	3,548,641
...	...	...	...	...	...	...	108	...	3,474	1,173	159	...	...	4,806	4,914
...	...	...	...	...	...	...	1,678	...	7	153	205	...	...	865	2,041
...	...	...	...	...	...	...	1,784	...	3,481	1,326	364	...	...	5,171	6,955
...
1	...	4	...	...	1	62	74	...	...	...	...	...	...	...	74
...	...	...	...	...	...	...	17	...	...	...	...	...	...	...	17
24,581	1,587	215	...	...	...	...	69,494	85	4,338	1,059	930	23	296	6,731	76,225
...
...	...	...	...	...	...	...	146	...	...	...	109	...	...	109	255
...	...	4	...	...	...	...	4	...	...	...	...	...	...	...	4
24,532	1,587	223	...	...	1	62	69,735	85	4,338	1,059	1,039	23	296	6,840	76,575
451	894	27	329	...	...	1	20,766	872	64	661	2,026	...	10,034	13,678	34,444
7,962	5,061	8,956	6,922	2,240	7,696	21,583	128,375	8,519	14,219	7,668	6,611	2,556	1,489	41,072	169,447
...	...	5	...	...	1	5	42	9	7	41	...	...	4	61	103
10	6	9	72	4	5	50	1,868	23,207	10,099	1,212	1,247	134	1,098	36,987	38,855
1,629,707	2,818,463	2,049,650	438,746	362,119	172,728	240,869	21,249,478	429,821	1,128,151	800,094	1,001,906	553,411	982,358	4,695,740	28,945,218
25,275	3,155	27,390	4,802	12,485	10,721	23,816	520,079	27,328	28,088	62,382	168,524	56,175	14,510	377,913	897,992
1,604,432	2,815,308	2,023,270	433,946	349,634	163,007	217,053	23,729,399	402,493	1,099,163	637,712	813,381	497,236	967,842	4,317,827	28,017,226

STATEMENT

Irrigated Area with number of Wells and Tanks

		Ahmed- abad.	Kaira.	Panch Mahals.	Broach.	Surat.	West Khândesh.	East Khândesh.	Nâsik.	Ahmed- nagar.	Poona.	Sholâpur.	Sâtâra.
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>A.—Irrigated area.</i>													
Irrigated from	Government Canals	13,335	8,189	75	...	...	8,368	2,909	20,158	8,225	44,998	15,796	9,969
	Private Canals	...	...	...	...	...	2,300	88	2,548	...	5,856	283	8,831
	Wells	42,168	27,272	2,816	775	5,701	16,184	31,783	35,881	72,082	53,500	85,076	53,488
	Tanks	17,246	5,366	30	...	8,162	20	417	560	1	3,530	22	215
	Other sources	1,688	496	487	...	458	467	658	2,642	1,457	3,208	1,046	39,941
Total		74,402	41,303	3,358	775	14,321	27,339	35,847	61,689	81,765	111,092	102,223	107,443
Crops irrigated	Wheat	14,838	6,104	1,406	...	90	15,052	15,787	21,076	22,255	19,515	20,659	25,227
	Rice	35,823	15,705	218	...	8,367	1,001	453	2,838	103	2,523	1,892	9,508
	Other cereals and pulses	18,075	4,152	842	10	296	3,902	3,816	14,937	47,225	58,045	66,998	39,745
	Sugarcane	886	40	131	97	8,166	749	654	4,639	1,577	13,736	2,195	11,858
	Other food crops	4,249	1,760	908	538	1,735	2,443	5,129	8,530	5,074	18,837	9,822	8,577
	Non-food crops	3,878	15,874	126	127	1,140	5,746	11,266	14,632	8,429	18,995	17,410	29,496
	Fodder crops	669	641	41	8	52	453	339	3,174	8,195	1,656	930	597
Total		78,413	41,076	3,672	780	14,842	29,436	36,944	69,824	87,858	128,307	119,904	125,008
Deduct—Area cropped with irrigation more than once		4,011	2,773	314	5	521	2,097	1,097	6,135	6,093	17,215	17,681	17,565
Net irrigated area		74,402	41,303	3,358	775	14,321	27,339	35,847	61,689	81,765	111,092	102,223	107,443
<i>B.—Number of wells and tanks.</i>													
Number of wells for irrigation.	Masonry	13,217	10,255	1,062	1,076	6,993	6,327	19,516	15,414	26,359	18,056	8,066	10,643
	Non-masonry	3,316	925	1,952	85	618	1,926	2,185	7,088	4,468	6,035	13,276	16,712
Total		16,533	11,210	3,014	1,161	7,611	8,253	21,651	22,502	30,847	24,091	21,341	27,355
Number of tanks for irrigation.	Masonry	17	30	...	...	5	4	3	4	3	18	5	11
	Non-masonry	1,016	1,411	2	103	1,160	...	2	2	12	15	2	6
Total		1,033	1,441	2	103	1,165	4	5	6	15	33	7	17
Number of wells for drinking purposes.	Masonry	2,113	2,165	947	1,941	6,591	6,060	22,659	5,378	3,939	9,325	3,034	4,675
	Non-masonry	361	91	1,573	32	974	611	228	1,123	421	777	409	966
Total		2,474	2,256	2,520	1,973	7,565	6,671	23,087	6,501	4,360	10,102	3,443	5,641
Number of tanks for drinking purposes.	Masonry	25	1	3	...	5	2	11	43	7	24	2	44
	Non-masonry	263	9	6	35	120	2	8	21	4	6	...	15
Total		288	10	9	35	125	4	19	64	11	30	2	59

IV.

in the Bombay Presidency for the year 1908-09.

[illegible]

STATEMENT V.

Estimated Outturn of Kharif and Rabi Crops in parts of 100 (100 denoting a normal crop) in the Bombay Presidency during 1908-1909.

No.	District.	Kharif.											Rabi.						Perennial Sugar-cane.
		Jowári.	Bajri.	Paddy.	Kodra.	Rági.	Vari.	Tur.	Udid, Mug and Math.	Sesame.	Cotton.		Jowári.	Wheat.	Gram.	Tobacco.	Linseed.	Rape and Mus- tard.	
											Early.	Late.							
1	Ahmedabad	42	58	83	42	50	92	58	67	50	...	50	42	83	75	...	67	83	67
2	Kaira	50	58	42	50	58	75	67	58	58	...	58	50	75	50	75	50	83	67
3	Panch Maháls	50	58	83	75	75	42	75	50	50	...	50	58	67	58	...	50	50	...
4	Broach	67	75	50	50	50	50	83	83	58	...	67	67	83	58	...	...	...	...
5	Surat	83	83	100	92	100	75	67	83	67	...	75	83	83	83	...	...	...	83
6	West Khándesh	42	67	58	42	42	42	58	33	67	42	...	...	42	75	...	42	...	40
7	East Khándesh	83	83	42	...	67	33	67	58	75	75	...	...	67	67	...	42	...	75
8	Násik	25	50	67	25	67	58	42	42	42	33	...	25	42	42	...	33	...	75
9	Ahmednagar	67	50	75	42	42	58	33	42	33	33	...	42	42	50	42	25	...	67
10	Poona	50	42	67	58	50	42	33	33	42	25	...	33	58	50	...	33	...	83
11	Sholápur	...	33	50	17	8	100	42	25	50	33	...	50	83	33	50	42	...	100
12	Sátára	75	58	75	58	67	67	67	50	67	67	...	67	75	75	67	50	...	83
13	Belgaum	50	50	58	67	50	42	42	50	42	...	58	58	50	58	58	83	...	75
14	Bijápur	33	25	25	8	8	25	17	17	8	...	58	50	50	50	50	42	...	67
15	Dhárwár	58	33	50	17	42	42	33	33	33	...	50	58	33	33	...	50	...	67
16	Thána	75	...	92	83	92	93	83	83	83	...	...	...	83	83	...	...	...	100
17	Kolába	...	...	92	75	83	75	67	83	75	...	...	...	...	75	...	...	...	...
18	Ratnágiri	...	...	83	67	67	58	67	58	75	...	...	...	...	67	...	...	...	...
19	Kánara	33	...	75	...	50	50	33	58	...	...	...	...	...	67	...	...	...	67
20	Karáchi	67	67	42	...	67	67	...	58	75	...	67	...	83	58	...	...	75	...
21	Hyderabad	50	58	58	...	33	58	67	67	50	...	42	...	75	75	58	...	67	...
22	Sukkur	67	75	100	...	75	92	...	75	58	...	75	...	75	33	83	...	83	67
23	Lárkána	58	67	83	...	58	58	...	58	75	...	75	...	67	67	75	...	58	58
24	Upper Sind Frontier	75	75	75	...	...	...	...	75	67	...	58	...	75	75	...	...	75	...
25	Thar and Párkar	33	50	67	...	...	...	50	42	42	...	33	...	42	33	...	67	67	...

* Maize.

STATEMENT No. V-A.

STATEMENT

Acreage and Outturn of Food-grain Crops in the different Divisions of the

Year and Crops.	Gujarát.			Deccan.			Karná	
	Area in acres.	Yield per acre in pounds.	Outturn in tons.	Area in acres.	Yield per acre in pounds.	Outturn in tons.	Area in acres.	Yield per acre in pounds.
1908-09.								
<i>Cereals.</i>								
1. Rice ...	298,905	1,076	143,517	228,887	743	75,887	200,424	638
2. Wheat ...	241,820	519	56,058	538,089	420	100,848	477,666	228
3. Barley ...	16,538	913	6,742	5,783	521	1,346	2,248	345
4. Jowár ...	513,740	683	156,555	4,159,479	330	613,800	2,688,175	348
5. Bájri ...	445,583	536	106,717	3,803,843	195	330,434	494,617	123
6. Rági ...	84,945	913	34,624	216,364	524	50,605	75,498	490
7. Maize ...	118,484	606	82,034	29,364	870	11,402	13,387	1,126
8. Kodra ...	163,265	693	50,538	11,640	369	1,962	324	290
9. Other Cereals ...	66,080	926	27,331	214,417	496	47,460	236,761	355
Total Cereals ...	1,919,360	706	614,111	9,207,866	300	1,233,744	4,249,100	331
<i>Pulses.</i>								
10. Tur ...	59,905	498	13,315	250,640	500	55,970	146,077	321
11. Gram ...	68,687	421	12,913	284,412	278	35,286	134,744	192
12. Other pulses ...	231,418	390	41,038	1,014,584	246	111,474	303,104	192
Total Pulses ...	360,010	418	67,266	1,549,636	293	202,730	583,925	225
Total Cereals and Pulses.	2,309,370	661	681,377	10,757,502	299	1,436,474	4,833,025	318
1907-08.								
<i>Cereals.</i>								
1. Rice ...	243,338	839	91,245	227,029	544	55,140	258,387	969
2. Wheat ...	233,804	457	47,754	573,497	363	90,369	455,078	208
3. Barley ...	18,072	1,062	8,572	5,033	597	1,342	2,922	285
4. Jowár ...	525,078	628	147,216	3,468,143	274	424,495	2,321,372	462
5. Bájri ...	364,920	297	43,594	3,963,746	142	251,139	614,450	140
6. Rági ...	73,108	483	15,793	212,712	402	38,146	86,876	700
7. Maize ...	115,758	476	24,636	30,579	735	10,034	12,890	1,012
8. Kodra ...	146,378	361	23,427	8,896	368	1,461	278	330
9. Other Cereals ...	50,883	679	15,446	207,178	436	40,305	239,717	502
Total Cereals ...	1,770,339	528	417,683	8,636,813	235	912,431	4,041,970	423
<i>Pulses.</i>								
10. Tur ...	47,067	274	5,773	253,933	369	41,843	178,284	341
11. Gram ...	31,537	401	5,647	260,965	249	28,976	116,644	229
12. Other Pulses...	198,774	207	17,940	1,062,275	215	102,026	322,539	287
Total Pulses ...	277,378	237	29,365	1,577,173	245	172,845	617,467	291
Total Cereals and Pulses.	2,047,717	489	447,048	10,273,986	236	1,085,276	4,659,437	411
1906-07.								
<i>Cereals.</i>								
1. Rice ...	244,753	1,300	141,940	225,771	667	67,277	254,436	750
2. Wheat ...	229,937	486	50,092	604,829	399	107,943	441,439	278
3. Barely ...	12,915	928	5,351	6,341	565	1,600	3,924	317
4. Jowár ...	528,606	877	207,071	2,733,929	359	438,815	2,378,314	495
5. Bájri ...	507,583	641	145,384	4,491,459	254	508,949	734,949	228
6. Rági ...	67,024	1,339	40,058	220,763	510	50,305	87,624	709
7. Maize ...	114,502	896	46,802	30,092	842	11,813	12,059	1,126
8. Kodra ...	152,177	1,103	75,816	8,744	560	2,124	308	393
9. Other Cereals ...	48,413	1,010	21,829	220,636	409	45,159	291,479	618
Total Cereals ...	1,905,820	856	733,343	8,512,564	324	1,233,545	4,203,932	455
<i>Pulses.</i>								
10. Tur ...	57,999	498	12,918	390,836	394	68,759	242,045	439
11. Gram ...	63,825	348	9,905	263,363	289	33,985	110,563	219
12. Other Pulses...	244,631	394	43,027	1,170,124	239	124,883	372,860	230
Total Pluses ...	366,455	403	65,850	1,824,323	279	227,627	725,468	298
Total Cereals and Pulses.	2,272,275	787	799,193	10,366,887	316	1,461,172	4,929,400	433

V-A.

Bombay Presidency for the years 1908-09, 1907-08 and 1906-07.

tak.	Konkan.			Total Presidency proper.			Sind.		
	Area in acres.	Yield per acre in pounds.	Outturn in tons.	Area in acres.	Yield per acre in pounds.	Outturn in tons.	Area in acres.	Yield per acre in pounds.	Outturn in tons.
74,219	816,848	1,087	396,559	1,605,064	963	690,182	934,323	787	328,359
48,537	211	280	27	1,257,786	866	205,435	515,815	983	214,842
346	.....	...	.....	24,569	769	8,434	42,762	924	17,635
416,995	605	333	90	7,361,999	361	1,187,440	791,449	735	259,789
27,241	4	...	.....	4,744,047	219	464,392	1,110,684	453	221,784
16,161	132,166	629	37,226	508,973	610	138,616	542	781	189
6,729	354	316	50	161,589	696	50,215	2,210	700	691
42	39,401	798	14,024	214,630	697	66,566	.....	...	.....
37,560	62,013	793	21,978	579,291	520	134,329	13,265	581	8,442
627,830	1,051,622	1,001	469,954	16,457,948	409	2,945,639	3,411,050	689	1,049,731
20,946	7,352	297	976	463,974	440	91,207	51	264	6
11,578	3,077	314	431	490,920	275	60,208	143,784	412	26,144
26,047	54,388	321	7,803	1,603,494	260	186,362	272,730	384	40,783
58,571	64,817	318	9,210	2,558,388	296	337,777	416,565	394	73,233
686,401	1,116,439	961	479,164	19,016,336	387	3,283,416	3,827,615	657	1,122,964
116,676	815,782	1,034	376,646	1,544,536	928	639,707	936,442	563	235,383
42,155	262	231	27	1,262,641	320	180,305	421,862	705	132,851
373	.....	...	.....	26,027	885	10,287	21,345	504	4,800
478,696	1,344	423	251	6,315,937	873	1,050,661	559,871	725	181,301
38,436	11	204	1	4,943,127	151	333,170	969,878	413	178,954
27,152	135,726	686	35,507	508,422	514	116,698	457	698	122
5,823	470	553	116	159,697	570	40,614	1,695	866	655
41	43,360	764	14,798	197,912	450	39,727	.....	...	.....
64,912	61,968	692	19,158	609,746	514	139,821	6,219	546	1,515
774,269	1,058,923	945	446,107	15,568,045	367	2,550,890	2,917,769	565	736,581
27,103	7,410	214	807	486,704	348	75,534	67	268	8
11,912	2,669	266	318	411,815	255	46,853	116,925	262	13,683
41,279	51,931	294	6,780	1,635,519	231	163,025	227,426	324	82,871
80,297	62,020	285	7,905	2,534,038	257	290,412	344,418	303	46,562
854,566	1,120,943	908	454,412	18,102,083	352	2,841,302	3,262,187	537	782,143
85,203	815,231	1,034	394,449	1,540,196	1,002	688,872	1,129,325	820	413,253
54,767	254	313	36	1,276,359	374	212,833	631,519	632	186,751
556	.....	...	.....	23,180	725	7,507	33,500	550	8,202
525,402	1,937	451	390	5,642,786	465	1,171,678	629,562	871	241,730
74,781	13	171	1	5,733,409	285	729,115	957,463	633	270,636
27,738	136,693	638	38,860	512,104	687	156,981	527	778	183
6,665	426	447	85	157,079	902	63,265	1,394	852	530
54	45,382	783	15,971	206,611	1,019	94,015	.....	...	.....
30,525	61,941	785	21,721	622,469	609	169,234	8,611	614	2,360
855,094	1,061,877	995	471,533	15,714,193	469	3,293,515	3,391,901	744	1,126,945
47,534	8,370	275	1,039	699,250	417	130,240	42	873	7
10,774	3,017	284	386	440,798	279	54,050	147,044	332	21,763
38,331	55,556	267	6,624	1,843,171	256	212,865	294,952	398	52,433
96,639	66,973	269	8,039	2,983,219	299	398,155	442,038	376	74,208
951,733	1,128,850	952	479,57	18,697,412	442	3,691,670	3,833,939	702	1,200,853

STATEMENT VI.

Prices of Staple Articles and Fodders for the year 1908-1909.

No.	District or Station.	Rate per rupee in sers of 80 tolas.										Price per Indian maund (3,200 tolas).	
		Jowári.	Bajri.	Wheat.	Rice.	Náchni.	Gram.	Tur-dál.	Jagri (Gul).	Tobacco.	Cotton, cleaned.	Dry grass.	Jowári kadbi.
												Rs. a. p.	Rs. a. p.
1	Bombay	10.42	10.40	7.03	7.23	8.78	8.45	7.43	5.11	1.40	1.89	1 0 5	...
2	Ahmedabad	11.79	10.80	8.45	8.47	...	9.89	7.50	5.00	3.86	2.00	0 13 2	1 7 1
3	Kaira	12.21	10.49	8.19	7.75	12.19	9.40	7.31	5.16	†5.00	1.75	...	...
4	Panch Maháls (Godhra)	*11.50	9.75	7.00	7.75	14.06	10.56	6.87	5.71	4.00	1.82	1 0 0	...
5	Broach	10.69	10.25	7.16	8.75	...	8.87	7.36	4.54	2.50	1.62	1 5 1	1 2 8
6	Surat	10.41	10.30	6.77	6.05	...	8.21	6.26	4.90	3.70	1.53	1 3 5	0 7 9
7	West Khándesh (Dhulia)	12.09	11.41	7.37	7.05	...	8.82	7.97	5.63	4.00	2.30	0 6 11	...
8	East Khándesh (Jalgaon)	12.55	12.55	7.43	6.86	...	9.53	7.99	5.22	2.77	2.13	0 7 9	0 12 5
9	Násik	11.96	12.11	8.18	6.65	13.08	9.05	6.34	5.73	2.02	...	0 9 0	...
10	Ahmednagar (Nagar)	14.14	13.24	8.16	7.60	...	9.15	6.96	5.63	4.00	1.85	...	1 1 8
11	Poona	12.37	10.88	7.41	7.53	...	9.13	6.56	5.64	2.93	...	0 14 8	1 4 8
12	Sholápur	15.00	13.84	7.10	7.60	...	9.05	6.72	5.65	3.00	...	0 7 7	1 0 6
13	Sátára	11.29	11.04	8.71	7.78	...	8.56	7.39	5.61	2.63	...	0 8 1	0 9 7
14	Belgaum	12.55	11.43	7.12	8.44	13.04	8.41	6.54	6.10	3.14	...	0 7 11	...
15	Bijápur	13.06	13.05	7.48	7.68	...	8.60	7.16	5.77	2.93	2.19	...	1 3 3
16	Dhárwár	11.81	11.31	7.36	8.70	...	7.36	6.07	6.14	2.00	2.08	0 6 5	0 10 11
17	Thána	10.76	10.08	7.30	7.91	11.05	9.08	6.71	4.78	2.43	...	...	...
18	Kolába (Alibág)	...	9.33	5.85	8.10	...	8.12	6.12	4.71	1.93	...	...	...
19	Ratnágiri	9.25	10.18	6.07	8.94	10.94	7.87	6.75	4.30	2.80	...	0 7 2	...
20	Kánara (Kárwár)	10.80	9.94	6.80	8.79	12.15	8.30	6.87	4.74	2.14	...	1 0 7	...
21	Karáchi	11.57	11.44	7.99	8.36	...	9.55	7.35	4.43	4.00	1.88	0 12 8	0 9 5
22	Hyderabad	12.51	12.41	8.06	7.43	...	7.46	6.22	5.52	4.00	2.16	...	0 10 9
23	Sukkur	12.67	13.56	9.32	7.35	...	9.94	6.62	6.44	6.25	2.11	...	0 7 9
24	Lárkána	11.63	12.12	8.54	8.13	...	9.13	6.12	6.03	8.56	2.34	...	0 4 2
25	Thar and Párkar (Umar-kot)	...	12.56	8.50	9.81	...	8.00	...	6.15	2.00	2.66	...	...
26	Upper Sind Frontier (Jacobabad)	12.12	13.69	8.37	6.38	...	9.81	5.34	5.38	7.36	1.70	...	0 11 1

* For Maize.

† For Nadiád Station.

Annual Reports.

Season and Crop Report of the Bombay
Presidency for the year 1908-09.

No. 395.

REVENUE DEPARTMENT.

Bombay Castle, 15th January 1910.

Letter from the Director of Agriculture, No. A.—7078, dated 21st October 1909—Submitting the Annual Season and Crop Report of the Bombay Presidency for the year 1908-09; and making remarks.

Letter* from the Director of Agriculture, No. A.—7764, dated 19th November 1909.

RESOLUTION.—In the Presidency proper the season was on the whole only moderately good. The early rains were in some parts excessive, in others deficient, and though there was a good fall in September in the Deccan and Konkan the later rains were almost universally in serious defect. Against these conditions in the Presidency proper there was a set-off in a favourable inundation combined with good rainfall in Sind.

2. The character of the season in the Presidency proper led to a great extension of rabi cultivation, the area under rabi cereals and pulses being 7,076,000 acres or 19 per cent. above the figures of the previous year. In consonance with this extension the area under kharif cereals and pulses receded by 283,000 acres. The area under non-food crops also fell by 506,000 acres. In the result, there was on the whole an extension of cultivation amounting to 406,000 acres in the gross area cropped, chiefly in the Deccan where the fallow area diminished by 312,000 acres.

3. Of individual crops affected by these general fluctuations in cultivation, the most noticeable increase occurred in the case of jowari where it amounted to 1,046,000 acres and was mainly due to the failure of early rain followed later on by good September rain in the East Deccan. Under the influence of favourable early rain in Gujarāt the area under rice increased to 20 per cent. above the normal. The only other crop showing a prominent increase was gram. The increases in the case of these three crops more than covered the decreases under other food crops—bajri, wheat, tur and others—and account for an increase of 912,000 acres or 5 per cent. in the area under food crops in the whole of the Presidency proper as compared with the previous year. The large diminution under non-food crops already referred to is entirely due to a decrease in the area under cotton amounting to 575,000 acres or 15 per cent. as compared with the year previous. The causes to which the fall is attributed are the character of the season at the outset and the preference given to crops affording food for men and animals consequent on short stocks in store from the preceding unfavourable year. The area under non-food crops other than cotton expanded, oil-seeds showing an increase of 65,000 acres.

4. Irrigated crops contributed to the extension of cultivation, and sugarcane, the most valuable of these, made noticeable progress in the Belgaum and Sátara Districts, with the result that the total area in all districts increased by 3,000 acres. The introduction of foreign groundnut extended the area under this paying crop in the districts of Sátara and East Kōāndesh; elsewhere the season was unfavourable to its cultivation. The principal increase in the irrigated area was under Government canals and wells. The number of pakka wells for irrigation has increased by 6,000 or 4 per cent. since 1905-06.

5. In Sind the favourable inundation led to an increase in the net area cropped of 711,000 acres or 20 per cent., of which 439,000 acres represent a decrease in current fallow. Except rice, which slightly decreased in area, and cotton, which remained stationary, all crops shared in the extension.

6. The estimated outturn of crops both in the Presidency proper and in Sind showed a marked advance on the preceding year, but, as the Director of Agriculture hints, the figures must be read with some caution. The increase of

* Not printed.

only 5 per cent. in the area under food crops in the Presidency proper is accompanied by an estimated increase of 442,000 tons, or 15 per cent., over the outturn of the previous year. In Sind an increase of 17 per cent. is shown in the area under food crops, while the addition to the outturn is estimated at 43 per cent. In view of the marked general conditions of the year the estimate of the increase in the tonnage outturn may probably be regarded as fairly accurate. In the case of the principal non-food crop, cotton, the comparisons with the average are less satisfactory. It appears from Appendix B that the area under cotton in the Presidency proper was 7 per cent. and with Sind included was 9 per cent. above normal. In paragraph 11 of his report the Director states that the outturn of the cotton crop was 21 per cent. above the average. It is not clear whether this takes Sind into account or not, but in either case it would seem to mean that with the area only 7 or 9 per cent. above normal the crop must have been above the average. Statement V however shows that no district reported anything better than 75 per cent. of a normal crop. The estimates of outturn are probably greatly underpitched as the Director suggests. His attention has been separately drawn to this point. It may be doubted whether in most districts, even with famine years excluded, the anna valuations over a series of years would average 12 as they ought to do.

7. The wages of the labouring classes continued high, but this was counterbalanced in their case by the high price of food, and in the case of agriculturists requiring their services by the good prices obtained for surplus produce.

R. D. BELL,

Under Secretary to Government

To

The Commissioner in Sind
 The Commissioner, N. D.,
 The Commissioner, C. D.,
 The Commissioner, S. D.,
 All Collectors, including the Collectors and Deputy
 Commissioners in Sind,
 The Colonization Officer, Jámrao Canal,
 The Director of Agriculture,
 The Settlement Commissioner and Director of Land
 Records,
 The Conservator of Forests, N. C.,
 The Conservator of Forests, C. C.,
 The Conservator of Forests, S. C.,
 The Deputy Conservator of Forests in charge Sind
 Circle,
 The Accountant General,
 The Public Works Department of the Secretariat,
 The Political Department of the Secretariat,
 The Government of India,
 The Under Secretary of State for India. } By letter.

With copies of
 the report.