

DEPARTMENT OF AGRICULTURE, BOMBAY PRESIDENCY.

SEASON AND CROP REPORT

OF THE

BOMBAY PRESIDENCY

FOR THE YEAR

1913-1914.

BOMBAY

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1914

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No. A.-9594 of 1914.

From

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

To

THE CHIEF SECRETARY TO GOVERNMENT,
Revenue Department, Bombay.

Poona, 22nd October 1914.

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 1914.

2. Information from 8 districts was received 2 to 4 weeks later than the prescribed date.

I have the honour to be,

Sir,

Your most obedient servant,

G. F. KEATINGE,

Director of Agriculture

SEASON AND CROP REPORT OF THE BOMBAY PRESIDENCY FOR 1913-1914.

I.—Character of the Season.

1. Statement I (p. i) compares the rainfall of the year with the average fall of rain at each representative station in the Presidency and in Sind. In the Presidency the kharif rains were about average at 4 stations in the Deccan and two each in the Karnatak, Konkan and Gujarát. They considerably exceeded that limit at three stations in Gujarát and one in the Deccan and in the hilly tracts bordering on the Saháydris. Elsewhere they were in defect, particularly in Sholápur, Sátára and Bijápur. The rabi rains were deficient throughout Gujarát, Deccan and Karnatak. In the Konkan they exceeded the average at two stations and were normal at one. The hot weather rains were generally deficient except at two stations in the Deccan and three in Gujarát. In Sind the kharif rains were two to four times the normal in Lower Sind and about normal in Upper Sind. The rabi rains generally exceeded the average except at one station.

The south-west monsoon opened early in the first week of June on the Konkan coast and the current being strong it penetrated inland rapidly, crossing the Sahyadris and reaching Gujarát by the end of the week. It gave good rain almost everywhere during the first fortnight and enabled lands to be prepared for sowing. A break followed lasting for a week and rain was again received in the last week of the month affording sufficient moisture for kharif sowings which were rapidly in progress everywhere. In July the fall was generally sufficient for the completion of kharif sowing and for transplantation in the Konkan. The seedlings were generally in good condition except in the three northern districts of the Deccan and Gujarát where the crops suffered from excess of moisture and agricultural operations were retarded. The fall in August was far short of the average and the crops in the eastern parts of the Deccan and Karnatak began to show signs of distress. Elsewhere their condition was generally satisfactory. In September the rain was up to requirements in Gujarát, Konkan and the three northern districts of the Deccan where the crops were generally doing well. Elsewhere it was much in defect of the average, but the fall at the end of the month proved useful for the standing crops which had been suffering from drought. More rain was needed for general rabi sowing. October rain was received in the south and east Deccan and in the Karnatak and Konkan, reviving surviving kharif crops and facilitating rabi sowings which were vigorously in progress at the end of the month. This rain did not reach Gujarát and Khándesh where more rain was needed for late-sown crops. November was practically rainless. The rabi sowings were completed but the standing rabi crops, especially on the light soil, required rain early. Beyond a few isolated showers in the Deccan and Karnatak there was no rain in December, and the standing crops, except those in favourable situations and where helped by irrigation, suffered from lack of moisture. The season on the whole was a fair one except in the eastern parts of Poona and Sátára, five talukás of Sholápur and three of Bijápur where it was bad. Distress prevailed in these tracts though it was not very acute.

In Sind there was extraordinarily heavy rain in July, August and September in the southern districts. The damage caused by it was enhanced by breaches in canals which flooded parts of the country. Later on, however, the season improved, and as there was no frost the crops yielded fairly well. In Upper Sind the inundation was poor, the river fell much earlier than usual and canals were very short of water, which greatly reduced the outturn in places.

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

2. In the Presidency proper the total number of villages increased by two and the total reported area by 2,400 acres. The increase in the former is due to the formation of a new village in the Dhárwár District and of another in Kánara; in the latter in part to remeasurement and corrections in survey papers and in part to the introduction of survey settlement in ten alienated villages.

In Sind one village in Sukkur and one in Lárkána were destroyed by erosion but two fresh *dehs* were formed in each of these and one in Nawábshah, resulting in a net increase of three villages. The total area increased by 7,100 acres, due partly to remeasurement and partly to the accretion of new lands thrown up by the river.

The total number of villages in the Presidency which have returned statistics increased by 14 over the previous year with a corresponding increase of 33,700 acres in area. Three alienated villages each in West Khándesh and Ahmednagar and one each in Surat and Poona were surveyed and added to the class of 'available statistics.' Two alienated villages in Ahmedábád and two khoti villages in Ratnágiri lapsed to Government and were transferred to the same class. The variations in Sind have already been explained above.

3. *Cultivated, i. e., Occupied area.*—Appendix A (p. 9) contrasts the figures of cultivated and uncultivated areas with those of the previous year. In the Presidency there was some increase (0·43 per cent.) in the net area cropped, though owing to considerable falling-off (25 per cent.) in the area cropped more than once principally in north Deccan, Dhárwár and south Gujarát, the gross area cropped receded by $\frac{1}{2}$ per cent. The area in Ahmednagar resumed its normal level but Sholápur had an equally heavy fall during the year owing to the abnormal season. In Sind owing to good rainfall and favourable inundation the gross and net cropped areas rose by 8·3 per cent. and the area cropped more than once by 9·5 per cent. The area under current fallows declined by 0·62 per cent. in the Presidency and 3·35 per cent. in Sind. The assessed occupied area rose by 27,000 acres in the Deccan, 10,000 acres in Gujarát and 6,000 acres elsewhere. The unassessed occupied area showed a rise of 9,600 acres in Poona owing to disforestation of lands given out for cultivation. In Sind the assessed and unassessed cultivated areas rose by 38 and 118 thousand acres respectively, mainly as a result of waste lands being surveyed and taken up for cultivation and partly on account of extension of *eksáli* cultivation.

4. *Uncultivated, i. e., Unoccupied area.*—Variations under this head of course generally correspond with those under the occupied area which have been explained above. The area under forest shows a net decline of 12,000 acres in the Presidency but an increase of 800 acres in Sind. Some 1,000 acres were added to the forest lands in Sátára and 350 acres in the Karnátak, but about 12,000 acres were disforested in Poona, Násik and Sholápur and about 1,500 acres elsewhere. In Sind the increase in Lárkána and Sukkur more than made up the decline elsewhere.

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

5. The main features of the season and of the harvest of the year have been described elsewhere in the report. Appendix B (p. 9) shows the effect of the season under report on the area sown as compared with the average and with the preceding year's areas under principal crops. In the Presidency proper the total area under food crops was about 1·5 per cent. below the preceding year and 3·5 per cent. short of the average. The areas under jowári, bájri, other cereals and gram showed some decline, owing partly to deficiency of rain at sowing time and partly to extended cultivation of the more paying crop of cotton. Paddy, wheat, tur and sugarcane on the other hand were grown to a larger extent than in the previous year though the areas under the last three were still below the average. Among non-food crops, the area under which was about 3 per cent. over the previous year, and 13·6 per cent. over the average, the principal increase was under cotton and tobacco. Oil-seeds were grown to about the same extent as in the previous year though they were still about 17 per cent. short of the average. As a net result the total cropped area came to about the average but was short of the previous year's figure by 1·21 lákhs acres or 0·5 per cent. In Sind the areas under bájri and wheat slightly fell below the previous year, but those under jowári, other cereals and gram were considerably extended, resulting in an increase in the total food cropped area of 3 and 18 per cent. respectively over the previous year and the average. The areas under cotton and oil-seeds increased by 15·7 and 72·2 per cent. respectively over the previous year.

The total cropped area was thus 21 and 8·3 per cent. respectively over the average and the previous year.

6. The subjoined table compares as usual the kharif and rabi seasons of the year in the Presidency proper with those of the preceding two years:—

Crop.	Area in acres (000 omitted).					
	1911-12.		1912-13.		1913-14.	
	Cereals.	Pulses.	Cereals.	Pulses.	Cereals.	Pulses.
Kharif	9,270	1,440	10,727	1,556	10,490	1,603
Rabi	4,660	454	5,580	596	5,475	584
Total	13,930	1,894	16,307	2,152	15,965	2,187

7. The detailed remarks given below explain variations under principal crops:—

Jowá'ri and Bájri.—The table in the margin exhibits the extent of the

Province.	Jowá'ri.		Bájri.	
	Variation from			
	Average.	1912-13.	Average.	1912-13.
(Area in thousands of acres.)				
Gujarát	-140	-105	-109	-151
Deccan	-700	-422	+570	-41
Karnáta'k	+41	+231	+32	-60
Sind	+50	+87	+275	-31

variation in the cultivation of these main staple crops in the different provinces. In the Presidency proper seasonable rains induced larger sowings of jowá'ri in the Karnáta'k but the increase was insufficient to make up the large deficit in Sholápur where its cultivation was greatly restricted owing to abnormal season and elsewhere to preference shown for cotton and other crops. The area under bájri fell off everywhere, owing to incessant rains in North

Gujarát and to their deficiency at sowing time elsewhere. In Sind early favourable inundation coupled with good rainfall in the desert and hilly tracts helped to extend the cultivation of both but the area under bájri fell off in Nawábshah and Upper Sind Frontier, owing to the competition of oil-seeds. Sholápur (-405,000 acres), Khándesh (-106,000 acres), Dhárwár (-61,000 acres) and Broach (-52,000 acres) contributed principally to the decline under jowá'ri, and Khándesh (-95,000 acres), Kaira (-92,000 acres), Násik (-82,000 acres) and Belgaum (-62,000 acres) to that under bájri.

Paddy.—Favourable early rains brought about larger sowings of this crop in Gujarát (+38,000 acres) and early inundation in the northern districts of Sind (+34,000 acres). In Lower Sind, however, its area receded by 16,000 acres, owing to short supply of water.

Wheat.—In the Presidency proper the cultivation of this crop showed an advance of 178,000 acres or 14·75 per cent. over the previous year though it was still 13·6 per cent. short of the average. The increase was mainly in the Karnáta'k (+124,000 acres) and Gujarát (+38,000 acres) Districts. In Sind extended sowings in Karáchi and Upper Sind Frontier Districts (+16,000 acres) could not make up the deficit in other districts due to early termination of the inundation.

Other cereals.—Rági and kodra showed some increase (+47,000 acres) in Gujarát, but the area under rala (-85,000 acres) in the Karnáta'k, barley in Gujarát and maize and vari in the Deccan and Karnáta'k fell off, resulting in a net decrease of 63,000 acres. The fluctuations were seasonal.

Pulses.—These advanced by 35,000 acres in the Presidency and 29,000 acres in Sind. The area under these in the main fluctuates with that of the cereal with which they are grown.

Tobacco.—The area under this crop improved by 17,000 acres in the Presidency and 1,000 acres in Sind. The increase was general and attributed to high prices.

Sugarcane.—Rose by 6,000 acres over the previous year. The increase was mainly confined to Belgaum and Dhárwár in the Karnátak and Sátára in the Deccan, due to the plentiful supply of water at the planting season.

Oil-seeds.—In the Presidency proper the area under oil-seeds on the whole was about the same as last year but about 193,000 acres or 17 per cent. short of the average. In Sind it was 10·6 and 72·2 per cent. respectively over the

Name of oil-seed.	Variation in acres (000 omitted).	
	Presidency.	Sind.
Sesame	—10	+18
Linseed	+1	.....
Castor	+8	+3
Rapeseed	+2	—165
Niger	—12	.....
Groundnut	+11	.....

previous year and the average. The fluctuations as compared with the previous year's areas under the different oil-seeds are shown in the margin. In the Presidency proper the cultivation of sesamum showed some advance in Ahmednagar (+12,000 acres), Panch Maháls (+8,000 acres) and Belgaum (+4,000 acres), but this was insufficient to cover the large decline in Násik (—22,000 acres), Broach (—5,900 acres), Khándesh (—5,600 acres) and Bijápur (—4,000 acres),

where the cultivation of this oil-seed was reduced by seasonal causes and by the competition of cotton. Linseed was grown to a smaller extent in Násik (—12,000 acres) and Sholápur (—10,000 acres), but the deficit was more than made up by extended sowings in Bijápur (+16,000 acres) and Khándesh (+8,000 acres), where late rains were favourable. Castor-seed showed a decline in Surát and Khándesh (—8,700 acres) but had an extended area in the other districts of Gujarát (+17,000 acres). The cultivation of niger-seed received a check mainly in the Karnátak and in South Deccan. The increase under groundnuts was general and due to favourable sowing rains. In Sind favourable inundation and good rainfall brought about an extended cultivation of sesame and rapeseed (which now includes jambho) everywhere.

Cotton.—The area under cotton in the Presidency proper advanced from 3,737,000 acres in the previous year to 3,898,000 acres or by 32 per cent. over the normal and 4·3 per cent. over the previous year. In Sind it advanced from 287,000 acres to 332,000 acres or by about 15·7 per cent. over the previous year. Except in Bijápur (—247,000 acres) and Belgaum (—110,000 acres) where the season was not favourable for its sowing, the cultivation of cotton was extended in all districts of the Presidency and in Sind under the stimulus of high prices and favourable rains. Khándesh (+111,000 acres), Ahmednagar (+137,000 acres), Sholápur (+75,000 acres), Ahmedábád (+62,000 acres), Násik (+32,000 acres), Dhárwár (+27,000 acres) and Surát (+25,000 acres) in the Presidency and Thar and Párkar (+28,000 acres), Hyderabad (+10,000 acres) and Nawábshah (+7,000 acres) in Sind principally contributed to the increase.

8. Appendix C (p. 10) shows as usual the distribution in each district of the Presidency and of Sind of the principal food and non-food crops in percentages of the gross area cropped.

IV.—Irrigated Area (Statement IV, pp. vi vii).

9. The irrigated area of the Presidency proper during the year under report amounted to 858,000 acres, showing a fall of 10 per cent. below the area of the previous year. Irrigation was resorted to to a larger extent in Poona and Sátára in the Deccan and Belgaum and Bijápur in the Karnátak, but its use was restricted in all other districts. In Sind the irrigated area rose from 3,272,000 acres in the previous year to 3,442,000 acres or by 5·2 per cent. The extension was due to the favourable inundation of the year. The ratio of the irrigated area to net cropped area was 3·6 per cent. in the Presidency and 79·7 per cent. in Sind.

10. Appendix D (p. 11) exhibits the variations under the several heads of irrigation and of crops irrigated as compared with similar details of the previous year.

Irrigation from Government canals receded by 3,400 acres in the Presidency. Ample supply of water in the Nira and Mutha canals in Poona, in the Godávári in Násik and in the khari in Ahmedábád and deficiency of late rains in Sholápur and Sátára brought about some increase in the area irrigated from this source, but this did not make up for the decline in other districts due mainly to a better season. The same causes operated in the case of private canals, the area under which fell by 2,200 acres. Irrigation from wells also receded by 62,000 acres or 11 per cent. below the previous year. Ahmedábád and Kaira in North Gujarát (—14,000 acres), and Ahmednagar (—18,000 acres), Khándesh (—20,000 acres) and Sholápur (—12,000 acres) in the Deccan principally contributed to the decline. Deficiency of water supply in Dhárwár (—18,000 acres) and heavy rains in Kaira (—3,500 acres) curtailed the area under tank irrigation in these districts but ample supply of water permitted freer use of it in Ahmedábád (+6,000 acres) and Poona (+1,000 acres). The decrease of 11,000 acres under other sources (chiefly páts and bandhárás) was chiefly in Sátára and Násik in the Deccan and Ahmedábád and Kaira in Gujarát. In Sind the irrigation from Government canals was extended mainly in the Upper Sind Frontier (+84,000 acres) and Sukkur (+30,000 acres) and from other sources in Lárkána (70,000 acres).

As regards the crops grown under irrigation in the Presidency proper, wheat showed a decline of 49,000 acres, principally in the Deccan (—41,000 acres) and North Gujarát (—7,000 acres). Rice was helped by irrigation to a larger extent in Ahmedábád (+11,000 acres) and Sátára (+800 acres), but Dhárwár (—21,000 acres) and Kaira (—13,000 acres) showed considerable decline. The drop under other cereals and pulses (—40,000 acres) was chiefly owing to curtailed area in Ahmednagar (—30,000 acres), Násik (—7,300 acres), Sholápur (—7,600 acres) and North Gujarát (—8,200 acres), but this was partially made up by their extended cultivation in Poona (+8,100 acres) and Sátára (+4,500 acres) and Karnátak (+5,500 acres). The area under other food-crops showed some increase in Poona (+7,400 acres) but that under fodder crops in Poona, Násik and Ahmednagar fell by 6,000 acres. In Sind the principal increase was under non-food crops, cotton and oil-seeds (+153,000 acres), which were grown to a larger extent throughout the province. The area under rice and other cereals and pulses showed a net rise of 18,000 and 23,000 acres respectively, the extensions in the north being partially swallowed up by decreases in the south.

11. The return showing the sources of water supply has now been made decennial under Government Resolution No. 10049, dated 6th November 1913, Revenue Department. No information is, therefore, received in connection with it this year.

V.—Outturn of Crops

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

The character of the season has been described above. In Gujarát rice yielded between 98 per cent. of the normal in Ahmedábád to 125 per cent. in Kaira. The yield of other kharif crops ranged between 60 and 75 per cent. in Ahmedábád and Broach and between 75 to 108 per cent. in the other districts. Cotton yielded between 89 to 93 per cent. Rabi crops suffered from absence of moisture and, except where helped by irrigation, yielded between 40 to 80 per cent. of the normal. In the Deccan the season was fairly satisfactory in Khándesh, Ahmednagar and west of Poona and Sátára and here the yield of both kharif and rabi crops ranged between 75 to 115 per cent. of the normal. In Sholápur and east of Poona and Sátára, however, where the rains were

unfavourable, some crops failed completely and others yielded only between 20 to 35 per cent. of the normal. Elsewhere the yield ranged between 50 to 75 per cent. of it. In the Karnatak the crops suffered from deficiency of late rains which reduced the outturn of kharif as well as rabi crops to 40 to 65 per cent. of the normal in Bijapur and 50 to 75 per cent. elsewhere. Cotton yielded between 57 to 75 per cent. In the Konkan the yield was full average in the north but about $\frac{2}{3}$ to $\frac{3}{4}$ of it in the south. In Sind the early fall of the river reduced the outturn of kharif crops to half the normal in the south and 60 to 75 per cent. of it in the north. The outturn for rabi crops ranged between 60 to 75 per cent. of the average.

13. Statement V-A (pp. x-xi) compares the acreage under food-grain crops (cereals and pulses) in each agricultural division of the Presidency 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 result:—

Acreage and Outturn.	Gujarát.	Deccan.	Karnatak.	Konkan.	Total Presidency proper.	Sind.
<i>A.—Acreage.</i>	In	thousands	of acres (000 omitted).			
*1913-14 ...	2,019	10,078	4,946	1,109	18,152	8,724
*1912-13 ...	2,098	10,562	4,687	1,112	18,459	8,614
1911-12 ...	1,545	9,458	4,060	1,128	16,186	2,591
<i>B.—Outturn.</i>	In	thousands	of tons (000 omitted).			
*1913-14 ...	790	1,799	950	520	4,059	958
*1912-13 ...	755	1,588	1,177	515	4,035	1,100
1911-12 ...	230	1,185	629	469	2,513	888

* Exclusive of *amarantá, math, vól* and *gubar*, which under the revised classification have been relegated to other classes.

In the Presidency the area under food-grains in Gujarát, Deccan and Konkan shows a decline of about 4 per cent. below the area of the previous year but their outturn owing to better season was nearly 9 per cent. over the yield of that year. In the Karnatak the area advanced by 5.5 per cent. but the outturn was short of that year by 19 per cent. In Sind the area was about 3 per cent. higher than in the previous year but the outturn 13 per cent. lower.

VI.—Prices. Trade and Stock.

14. The appended Statement VI (p. xii) shows in detail the annual average prices of principal staples and of fodder ruling at each district head-quarter station in the Presidency and in Sind.

Except in the Karnatak the area under food-grain crops in the Presidency was lower than in the previous year but the outturn obtained was better, with the result that the prices of the chief staples, except pulses, generally ruled a little lower than in the previous year though they were still considerably over the average. In the Karnatak and in Sind the acreage was higher but owing to unfavourable season the outturn lower than in the previous year. Prices, however, were on a level with the other parts of the Presidency.

Jowá'ri and Bájri.—Almost everywhere jowári was sold cheaper by $\frac{2}{3}$ to 1 ser per rupee in Gujarát, 1 to 2 sers in the Deccan and Karnatak and 1 to 2½ sers in Sind. Bájri was dearer by $\frac{1}{2}$ to 1½ sers per rupee in Gujarát. Elsewhere in general it was cheaper by 1 to 2 sers.

Rice.—Except in the Konkan and at seven scattered stations the price of this article ruled higher than in the previous year by about $\frac{1}{4}$ to 1 ser per rupee.

Wheat and Gram.—In general wheat was slightly cheaper and gram distinctly dearer than in the previous year.

Jagri.—The price of jagri varied locally, but as a whole there was little change from the preceding year.

Cotton.—Except in the Karnatak, where the season had been unfavourable, the area under this crop was extended everywhere under the incentive of high prices, and the total area sown with the crop in the British districts of the Presidency, Sind, Baroda, Káthiáwár and other Native States rose to 7,664,000 acres or by about 8 per cent. over the area of the previous year. The total outturn amounted to 1,749,000 bales or about 7 per cent. over that of the previous year. Of this, 529,000 bales or 30 per cent. represented the yield of the long-stapled Broach, Dhárwár and Kumpta varieties and the rest belonged to the short-stapled varieties of Khándesh, North Gujarát and Sind. Prices, however, ruled lower than last year, particularly in the case of the short-stapled Khándesh which fell by more than 14 per cent. though the Dhárwár cotton more than maintained its level as will be apparent from the statement below :—

Variety.	Price per bale (400 lbs.).			Percentage increase (+) or decrease (—).	
	Average of the 5 years ending 1912.	Average for 7 months ending 31st July		Over average.	Over the price of 1913.
		1913.	1914.		
	Rs.	Rs.	Rs.		
Broach	152	153	149	—1·97	—2·61
Khándesh	127	126	108	—14·96	—14·29
Dhárwár	149	138	139	—6·71	+0·72

Fodder.—Grass was somewhat dearer at Ahmedábád, Dhárwár and Lárkána and kadbi at 3 stations in the Presidency and 1 in Sind. Elsewhere the prices of both ruled easier than in the previous year.

VII.—Agricultural Stock.

15. Information is collected only once in five years. The result of the last enumeration was published in the Season and Crop Report for 1909-1910.

VIII and IX.—Agricultural Deterioration and condition of the Agricultural Population.

16. There is no immediate change to record under this head. There has certainly been an increase of prosperity in late years in the cotton tracts, and the cultivation of cotton is steadily extending in Sind, Upper Gujarát and in parts of the Deccan where it has not yet become common. Further developments in this direction will depend on cotton prices, and the present dislocation of markets will make it obvious how closely the interests of our cultivators are bound up with the growing of commercial crops. There is an increasing tendency on the part of some large landholders to invest money in permanent improvements to land, and the new Government canals are bringing money and infusing a fresh spirit into some of the drier tracts. High prices of agricultural produce, increased irrigation facilities and productive improvements to land will do much to raise the condition of the landholders, and if a considerable rise in the level of wages should drive them to depend more on their own efforts and less on the assistance of hired labour the rate of progress would be faster.

G. F. KEATINGE,
Director of Agriculture.

APPENDIX A.

Areas Cultivated and Uncultivated.
Area in Acres (000 omitted).

Details.	Presidency proper.			Sind.		
	1912-13.	1913-14.	Increase (+) or Decrease (-) per cent.	1912-13.	1913-14.	Increase (+) or Decrease (-) per cent.
<i>A.—Cultivated Area.</i>						
Gross area cropped ...	24,607	24,486	- 0.49	4,286	4,644	+ 8.35
Area cropped more than once ...	895	673	-24.80	296	324	+ 9.46
Net area cropped ...	23,712	23,813	+ 0.43	3,990	4,320	+ 8.27
Current fallows ...	7,076	7,032	- 0.62	5,185	5,011	- 3.35
Assessed ...	30,829	30,673	+ 0.14	8,463	8,501	+ 0.45
Unassessed ...	159	172	+ 8.18	712	830	+16.57
Total, A ...	30,788	30,845	+ 0.19	9,175	9,331	+ 1.70
<i>B.—Uncultivated Area.</i>						
Available for cultivation. { Assessed ...	961	939	- 2.29	1,514	1,499	- 2.91
Unassessed ...	240	237	- 1.25	4,141	4,119	- 0.53
Not available for cultivation. { Forest ...	7,303	7,291	- 0.16	685	686	+ 0.14
Others ...	5,190	5,204	+ 0.27	14,501	14,518	- 0.57
Total, B ...	13,634	13,671	- 0.17	20,971	20,822	- 0.71
Grand Total ...	44,432	44,516	+ 0.08	30,146	30,153	+ 0.02

APPENDIX B.

Cropped Area.
Area in Acres (000 omitted).

Crops.	Presidency proper.					Sind.				
	Normal.	1912-13.	1913-14.	Percentage by which area in col. 4 exceeds (+) or falls short of (-) that in		Normal.	1912-13.	1913-14.	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
Jowari ...	7,506	6,850	6,606	-11.99	- 3.56	639	602	692	+ 7.8	+ 14.45
Rajri ...	4,413	5,159	4,906	+11.17	- 4.89	535	1,141	1,110	+ 32.07	- 2.72
Paddy ...	1,586	1,624	1,663	+ 4.85	+ 2.40	856	1,097	1,105	+ 29.07	+ 1.66
Wheat ...	1,693	1,207	1,385	-13.60	+14.75	479	457	456	- 8.6	- 0.23
Others ...	1,512	1,468	1,405	- 7.07	- 4.29	26	28	35	+ 38.4	+ 28.57
Total, Cereals ...	16,620	16,367	15,965	- 3.94	- 2.10	2,855	3,375	3,396	+ 18.97	+ 2.44
Tur ...	563	476	498	-12.32	+ 4.62	...	...	...	...	...
Gram ...	623	475	453	-27.29	- 4.63	75	75	98	+ 30.6	+ 30.67
Others ...	1,055	1,201	1,236	+17.15	+ 2.91	220	224	230	+ 4.57	+ 2.68
Total, Pulses ...	2,246	2,152	2,187	- 4.23	+ 1.63	295	299	328	+ 11.1	+ 9.70
Tobacco ...	77	70	86	+11.69	+ 22.86	9	7	8	-11.1	+ 14.29
Sugarcane ...	60	51	57	- 5.00	+11.76	3	4	4	+ 33.33	...
Oil-seeds ...	1,124	933	931	-17.17	- 0.21	403	259	448	+ 10.6	+ 72.20
Cotton ...	2,956	3,797	3,899	+31.87	+ 4.21	160	287	332	+ 84.4	+ 15.68
Other Crops ...	1,406	1,357	1,362	- 3.13	+ 0.37	93	114	130	+ 39.77	+ 14.04
Total, Food Crops...	19,462	19,059	18,773	- 3.54	- 1.50	3,194	3,660	3,770	+ 18.68	+ 3.01
Total, Non-food Crops...	5,027	5,548	5,713	+13.64	+ 2.97	644	625	874	- 35.71	+ 39.34
Total Crops...	24,489	24,607	24,486	- 0.01	- 0.49	3,838	4,285	4,644	+ 21.07	+ 8.38

APPENDIX C.

Distribution of Crops.

Percentages on District—Gross Cropped Areas.

No.	District.	Food Crops.										Non-food Crops.			Total.		
		Cereals and pulses.										Others.	Cotton.	Oil-seeds.	Others.	Food Crops.	Non-food Crops.
		Rice.	Wheat.	Barley.	Jowari.	Bajri.	Ragi.	Maize.	Gram.	Others.	Total.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A.—PRADESH PROVINCE.																	
I.—Gujarat.																	
1	Ahmedabad	6	12	1	20	13	...	...	2	5	58	3	32	4	3	61	29
2	Kaira	14	2	...	4	23	9	...	1	21	74	5	5	4	13	79	21
3	Panch Mahals	14	3	1	1	10	3	23	11	14	80	1	7	9	3	81	19
4	Bromoh	2	9	...	21	1	...	...	1	13	47	1	48	3	1	48	52
5	Surat	20	4	...	17	1	2	...	1	11	56	8	29	5	2	64	36
	Average	10	7	...	14	11	3	3	3	12	63	3	26	5	3	68	32
		9	6	1	17	16	2	4	2	10	67	3	23	4	4	70	30
II.—Deccan.																	
6	West Khândesh	3	8	...	6	26	1	...	3	7	54	1	58	6	1	55	45
7	East Khândesh	...	2	...	14	18	...	...	...	13	49	1	48	1	1	50	50
8	Nasik	3	13	...	4	41	5	...	3	12	81	2	6	9	2	83	17
9	Ahmednagar	1	4	...	27	41	1	...	1	9	84	3	5	3	5	87	13
10	Poona	4	3	...	35	35	2	...	2	7	88	4	1	3	4	92	8
11	Sholapur	...	1	...	60	15	...	1	1	5	83	2	6	4	5	86	14
12	Sátara	3	2	...	32	25	2	1	4	14	83	5	1	6	5	88	12
	Average	2	5	...	26	30	1	...	2	10	76	2	15	4	3	78	22
		3	5	...	28	30	2	...	2	9	78	2	11	5	4	80	20
III.—Karnatak.																	
13	Belgaum	6	6	...	39	9	2	1	2	14	79	3	10	2	6	82	18
14	Bijapur	...	6	...	53	13	...	...	1	6	79	1	13	4	3	80	20
15	Dhârwar	7	12	...	27	...	2	...	2	11	61	1	31	2	5	62	38
	Average	4	8	...	41	8	1	...	2	10	74	2	18	3	3	76	24
		3	6	...	37	9	1	...	2	11	69	2	23	3	3	71	29
IV.—Konkan.																	
16	Thâna	73	...	...	...	...	11	...	1	10	95	2	...	2	1	97	3
17	Kolaba	71	...	...	...	...	12	...	...	13	96	3	...	1	...	99	1
18	Batnâgiri	42	...	...	...	...	20	...	...	24	66	7	...	4	3	93	7
19	Kânara	74	...	...	...	...	2	...	...	3	79	10	...	...	11	89	11
	Average	68	...	...	...	...	11	...	...	12	91	4	...	2	3	95	5
		68	...	...	...	...	11	...	...	12	91	4	...	2	3	95	5
	Average A...	7	5	...	27	20	2	1	2	10	74	3	16	4	3	77	23
		6	5	...	28	21	2	1	2	10	76	2	15	4	4	77	23
B.—SIND.																	
20	Karachi	50	3	4	12	4	...	...	...	6	79	2	...	10	9	61	19
21	Larkana	37	11	1	20	1	...	...	2	14	86	1	...	13	...	87	13
22	Sukkur	9	31	...	33	6	...	...	5	6	90	2	1	6	1	92	8
23	Hyderabad	42	2	...	2	23	...	...	...	1	75	2	11	9	3	77	23
24	Nawâshah	3	11	...	23	27	...	...	1	3	69	1	20	10	1	69	31
25	Thar and Parkar	12	5	...	1	62	...	...	...	1	81	...	14	4	1	81	19
26	Upper Sind Frontier	6	13	...	29	16	...	...	11	4	79	2	1	19	...	80	20
	Average B...	23	10	1	15	24	...	...	2	5	80	1	7	10	2	81	19
		26	10	...	14	27	...	...	2	6	84	1	7	6	2	85	15
	Average for the Presidency.	9	6	...	15	21	2	1	2	9	75	2	14	5	4	77	23
		9	6	...	26	22	2	1	2	9	77	2	14	4	3	79	21

APPENDIX D.

Irrigated Area.

Area in Acres (000 omitted).

Details.	Presidency proper.			Sind.		
	1912-13.	1913-14.	Increase (+) or Decrease (—) per cent.	1912-13.	1913-14.	Increase (+) or Decrease (—) per cent.
<i>A.—Area Irrigated.</i>						
Irrigated from Govt. Canals..	184	180	—2·17	2,925	3,013	+ 3·01
Do. Private Canals	17	15	—11·77	79	77	—2·53
Do. Wells ...	548	487	—11·13	37	37	...
Do. Tanks ...	121	102	—15·70	...	...	...
Do. Other sources.	85	74	—12·94	232	315	+ 35·77
Total, A.—Area Irrigated...	955	858	—10·16	3,273	3,442	+ 5·16
<i>B.—Crops Irrigated.</i>						
Rice *	185	161	—12·98	1,087	1,105	+ 1·66
Wheat	190	141	—25·79	403	409	+ 1·49
Sugarcane	50	56	+ 12·00	4	4	...
Other Crops	632	594	—6·01	2,066	2,244	+ 8·62
Total, B.—Crops Irrigated...	1,057	952	—9·93	3,560	3,762	+ 5·67

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

STATEMENT I.

Average Fall of Rain from 1st June 1913 to 31st May 1914 at each of the representative Stations of the Districts in the Bombay Presidency.

No.	District Head-quarter Station.	Kharif Rains (1st June to 30th September 1913).				Rabi Rains (1st October 1913 to 28th February 1914).				Hot-weather Rains (1st March to 31st May 1914).				Total.			
		Average.		1913.		Average.		1913-14.		Average.		1914.		Average.		1913-14.	
		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>	Ina.		Ina.		Ina.		Ina.		Ina.		Ina.		Ina.		Ina.	
1	Dhulia ...	21·10	30	21·35	32	2·16	5	0·52	1	0·48	1	0·68	2	23·74	36	22·55	35
2	Jalgaon ...	28·38	42	28·10	44	2·41	3	0·45	1	0·78	1	1·46	4	31·57	46	30·01	49
3	Násik ...	24·39	44	49·08	62	3·35	2	1·06	1	1·02	1	0·27	1	28·76	47	50·41	64
4	Ahmednagar ...	19·24	29	20·88	25	3·62	8	2·03	5	1·32	3	0·47	2	24·18	40	23·38	32
5	Poona ...	22·32	37	23·02	42	6·98	8	1·37	3	1·57	4	...	...	30·37	49	24·30	45
6	Sholapur ...	22·28	31	11·99	26	4·66	7	1·04	4	2·22	4	0·60	2	29·16	42	18·63	32
7	Sátira ...	30·08	55	26·70	51	6·14	9	2·85	6	3·15	6	0·28	1	39·37	70	29·83	58
8	Hilly Deccan Tracts ...	63·53	66	74·01	70	4·33	5	2·21	4	1·68	3	0·13	1	69·54	74	76·35	75
	<i>Karnatak.</i>																
9	Belgaum ...	38·87	62	35·14	62	7·59	12	1·64	5	5·84	9	1·04	5	52·30	63	33·82	72
10	Bijapur ...	16·41	26	12·14	18	6·02	10	3·24	4	2·69	6	0·84	3	25·12	42	16·22	25
11	Dharwar ...	19·60	45	17·41	45	7·26	12	4·79	3	6·51	10	4·55	8	33·37	67	25·75	56
12	Hilly Karnatak Tracts ...	60·54	65	51·17	57	6·32	8	2·62	3	3·85	7	1·34	3	70·71	80	53·13	63
	<i>Konkan.</i>																
13	Karwar ...	115·25	90	84·13	81	6·78	11	11·36	10	4·47	4	0·23	1	126·50	105	95·72	92
14	Ratnágiri ...	95·94	85	63·32	77	5·31	6	3·80	5	1·76	1	0·06	...	103·01	92	67·18	82
15	Alibág ...	85·04	78	84·42	68	3·02	4	3·04	4	1·07	1	...	...	89·13	83	87·46	73
16	Thána ...	98·55	86	99·78	80	3·53	5	3·92	4	2·13	1	...	...	104·21	92	103·70	84
	<i>Gujarat.</i>																
17	Surat ...	36·03	44	37·46	46	2·37	3	0·22	1	0·16	...	...	...	38·56	47	37·68	47
18	Broach ...	41·48	41	43·79	41	1·62	3	0·14	...	0·13	...	...	...	43·21	44	43·93	41
19	Kaira ...	31·34	39	36·35	45	0·75	2	0·31	1	0·12	...	1·35	1	32·21	41	38·01	47
20	Godhra ...	39·36	43	54·94	53	1·05	3	0·09	...	0·23	1	0·70	1	40·64	47	65·73	54
21	Ahmedábád ...	31·79	35	35·86	41	0·93	2	0·10	...	0·17	...	0·87	1	32·89	37	36·93	42
	<i>Sind.</i>																
22	Karachi ...	5·55	6	13·54	6	0·95	2	1·93	4	0·55	1	...	...	7·05	9	15·47	10
23	Larkana ...	1·80	5	2·95	5	0·36	3	2·10	3	0·53	1	0·05	...	2·69	9	5·10	8
24	Sukkur ...	1·43	4	1·43	3	0·49	3	1·74	4	0·63	1	...	...	2·55	8	3·23	7
25	Hyderábád ...	4·20	7	19·47	9	0·36	2	1·03	2	0·38	1	0·33	1	4·94	10	20·83	12
26	Nawábshah ...	...	...	15·46	12	...	...	1·31	3	...	...	...	...	...	...	16·77	15
27	Mirpurkhás ...	5·23	8	19·46	14	0·93	2	0·66	2	0·59	1	0·01	...	6·80	11	20·13	16
28	Jacobábád ...	2·01	4	2·77	9	0·49	3	2·71	4	0·62	1	0·14	1	3·12	8	5·62	14

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 fallows.
	1	2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY PROPER.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>Gujarāt.</i>								
1	Ahmedābād	2,455,427	244,798	2,210,631	1,064,752	19,757	1,044,995	640,837
2	Kaira	1,021,614	82,603	939,011	643,261	19,019	621,242	76,534
3	Panch Mahāls	1,027,604	.....	1,027,604	475,057	75,518	399,539	229,062
4	Broach	939,302	18,721	920,581	539,087	511	538,576	106,700
5	Surat	1,056,636	26,368	1,030,268	502,592	45,031	457,561	306,147
<i>Deccan.</i>								
6	West Khāndesh	3,480,155	937,701	2,542,454	1,390,514	16,154	1,374,360	131,487
7	East Khāndesh	2,912,190	228,158	2,684,032	1,977,033	9,478	1,967,555	56,718
8	Nāsik	3,764,345	52,262	3,712,083	1,999,056	44,260	1,954,796	468,687
9	Ahmednagar	4,238,994	54,954	4,184,040	2,771,915	64,513	2,707,402	453,945
10	Poona	3,434,094	49,343	3,384,751	1,936,733	103,061	1,833,672	603,004
11	Sholāpur	2,915,875	.....	2,915,875	1,608,065	30,457	1,577,603	956,118
12	Sātara	3,039,403	184,209	2,905,194	1,627,863	180,373	1,437,490	650,468
<i>Karnātak.</i>								
13	Belgaum	2,950,994	142,760	2,808,234	1,697,275	29,149	1,668,125	446,567
14	Bijāpur	3,652,788	11,999	3,640,789	2,916,983	10,240	2,906,743	813,242
15	Dhārwar	2,948,152	75,638	2,872,514	2,113,002	23,700	2,089,302	263,430
<i>Konkan.</i>								
16	Thāna	2,289,162	70,370	2,218,792	445,693	5,867	439,826	558,430
17	Kolāba	1,387,849	65,550	1,322,299	361,521	12,224	343,297	399,511
18	Ratnāgiri	2,553,983	1,881,921	671,462	178,566	11,795	166,771	256,434
19	Kānara	2,525,764	.....	2,525,764	237,386	22,240	215,146	124,381
	Total A	48,643,731	4,127,353	44,516,378	24,486,354	673,347	23,813,007	7,031,702
B.—SIND.								
20	Karachi	7,725,883	.....	7,725,883	499,521	28,725	470,796	361,803
21	Lārkāna	3,235,316	.....	3,235,316	1,012,959	208,545	804,414	639,516
22	Sukkur	3,580,574	.....	3,580,574	425,020	27,734	397,286	674,276
23	Hyderabad	2,827,193	.....	2,827,193	638,082	8,266	629,816	791,113
24	Nawābshah	2,488,455	.....	2,488,455	529,641	13,749	615,892	777,059
25	Flar and Pārkar	8,727,623	.....	8,727,623	1,063,400	11,202	1,047,198	1,239,029
26	Upper Sind Frontier	1,693,220	124,908	1,568,312	480,446	26,232	454,214	495,249
	Total B	30,278,264	124,908	30,153,356	4,644,069	324,453	4,319,616	5,011,050
	GRAND TOTAL	78,921,995	4,252,261	74,669,734	29,130,423	997,800	28,132,623	12,042,752

II.

in each District of the Bombay Presidency, 1913-1914.

AREA.			UNCULTIVATED AREA.				Total, Columns 12 to 15.	District.	No.
Total, Columns 7 and 8.	Details of Column 9.		Available for cultivation.		Not available for cultivation.				
	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>	
1,585,832	1,581,416	1,416	138,355	11,684	12,098	462,662	624,799	Ahmedabad 1	
700,776	700,391	385	112,774	701	.....	124,760	233,235	Kaira 2
628,601	623,305	296	57,130	30,489	212,246	99,133	399,003	Panch Mahala 3	
645,276	639,576	5,700	26,190	1,805	.....	247,310	275,305	Broach 4
763,708	743,672	15,036	23,643	7,205	45,262	190,450	266,560	Surat 5	
								<i>Deccan.</i>	
1,505,847	1,503,372	2,475	198,772	24,070	536,998	276,767	1,036,607	West Khândesh 6	
2,021,273	2,022,853	1,420	54,124	13,345	278,020	313,770	659,759	East Khândesh 7	
2,423,483	2,423,143	340	76,190	13,320	760,112	438,478	1,288,600	Nasik 8	
3,161,347	3,155,187	6,160	34,564	13,566	536,762	437,801	1,022,693	Ahmednagar 9	
2,526,676	2,491,723	34,953	16,462	498	415,125	425,990	858,075	Poona 10	
2,533,726	2,469,762	63,964	9,870	3,587	114,557	254,135	382,149	Sholapur 11	
2,147,958	2,147,932	26	24,131	4,968	449,716	278,421	757,236	Satara 12	
								<i>Karnatak.</i>	
2,114,693	2,111,842	2,851	36,668	36,952	431,939	187,962	693,541	Belgaum 13	
3,219,985	3,219,729	256	28,117	21,970	177,701	193,016	420,304	Bijapur 14	
2,352,732	2,351,868	864	44,454	5,573	241,387	228,368	519,782	Dharwar 15	
								<i>Konkan.</i>	
998,256	968,290	29,966	11,820	22,131	673,102	513,476	1,220,536	Thana 16	
748,808	743,326	4,982	2,628	18,267	328,112	224,484	573,491	Kolaba 17	
423,205	423,000	205	1,397	5,572	9,554	232,034	248,257	Ratnagiri 18	
339,527	339,007	520	41,849	1,071	2,068,370	74,947	2,186,237	Kanara 19	
30,844,709	30,672,894	171,815	939,138	237,474	7,291,068	5,203,989	13,671,669	Total A.	
								B.—SIND.	
835,604	682,789	152,815	108,004	1,130,514	146,326	5,510,435	6,990,279	Karachi 20	
1,473,930	1,394,671	79,259	265,777	644,994	60,063	790,532	1,761,366	Larkana 21	
1,071,562	752,423	289,139	216,103	639,181	255,190	1,398,538	2,509,012	Sukkur 22	
1,420,929	1,325,306	25,623	336,907	565,041	64,510	439,306	1,406,264	Hyderabad 23	
1,292,951	1,263,994	28,957	229,900	157,634	91,386	716,584	1,195,504	Nawabshah 24	
2,286,227	2,098,194	188,033	244,493	809,790	41,852	5,345,256	6,441,396	Thar and Parkar... .. 25	
949,423	833,322	66,141	103,092	172,379	26,592	316,786	618,849	Upper Sind Frontier 26	
9,330,666	8,500,639	829,967	1,499,281	4,119,533	685,919	14,517,957	20,822,690	Total B.	
40,175,375	39,173,533	1,001,782	2,438,419	4,357,007	7,976,987	19,721,946	34,494,359	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	87,024	86,170	68,081	12,124	98,565	40,792	509	66,030	15,778	73,512	4,944	42,669
	2. Wheat	130,930	11,659	14,628	46,340	20,555	112,174	37,087	262,239	109,538	68,178	10,451	39,531
	3. Barley	8,519	1,026	4,845	...	...	...	12	6	311	577	1,471	2,863
	4. Chofam or Jowar (millet) ...	208,654	28,079	7,075	116,007	86,726	86,156	312,541	70,700	764,136	674,786	964,507	526,558
	5. Cumbu or Bajra (millet) ...	143,001	140,350	46,415	6,567	5,929	361,795	354,963	817,231	1,142,661	673,850	252,630	410,629
	6. Ragi or Marva	3,921	59,980	15,266	205	12,536	9,602	...	106,600	20,978	35,667	42	38,790
	7. Maize	3,608	380	108,154	16	7	3,768	675	2,607	2,399	1,565	10,663	9,676
	8. Gram (pulse)	17,740	6,847	50,051	5,018	2,419	34,272	8,107	64,961	32,453	46,521	12,101	59,072
	9. Other food-grains, including pulses.	43,994	137,111	66,673	67,702	55,737	103,150	250,464	239,114	244,563	136,327	80,049	221,084
Total ...	622,391	477,543	382,038	253,079	283,464	751,709	664,376	1,620,449	2,332,815	1,711,692	1,336,869	1,350,672	
Oil-seeds ...	10. Linseed	332	2	247	...	...	11,540	1,434	35,869	7,637	700	4,501	3,363
	11. Sesamum (Til or Jinjill) ...	16,023	9,630	28,477	7,816	2,911	40,325	16,332	34,079	43,556	3,647	12,263	289
	11(a). Rape and Mustard	2,333	578	1,709	81	696	371	7	604	32	23	...	3
	11(b). Groundnut	60	42	725	638	625	2,564	3,573	16,338	4,506	15,997	42,643	64,829
	12. Others	20,104	16,406	9,870	4,663	22,190	36,193	1,331	95,715	17,313	30,308	4,061	14,623
Total ...	39,852	26,668	40,728	13,298	26,392	90,293	23,677	182,625	73,034	50,675	68,468	103,107	
Sugar ...	13. Condiments and Spices ...	2,066	4,220	1,952	266	1,569	3,751	10,592	11,625	5,587	11,097	7,784	22,044
	14. Sugarcane	309	70	74	12	2,913	518	261	5,057	3,031	13,057	1,301	9,674
	15. Others	3	...	...	98	...	...	...	...	2	...	22	...
Total ...	312	70	74	105	2,913	619	261	5,157	3,033	13,067	1,323	9,674	
Fibres ...	16. Cotton	341,112	33,694	33,403	259,037	146,412	521,823	943,392	113,702	154,701	18,948	95,072	17,896
	17. Jute ... ..	...	...	...	...	...	...	...	...	...	...	...	...
	18. Others	2,994	4,657	7,083	90	2,869	6,716	9,747	6,686	24,556	7,731	16,644	9,431
Total ...	344,106	38,351	40,486	259,127	149,281	528,544	953,139	120,383	179,257	26,679	123,716	27,327	
Dyes ...	19. Indigo ... ..	...	...	...	...	...	20	3	...	...	...	...	...
	20. Others	6,559	917	...	...	...	8	1,241	11,374	68,393	57,686	52,633	31,927
Total ...	6,559	917	...	...	...	28	1,244	11,374	68,393	57,686	52,633	31,927	
Drugs and Narcotics.	21. Opium ... ..	...	...	...	...	...	...	...	...	...	...	...	...
	22. Coffee ... ..	...	...	...	...	...	...	...	...	...	...	...	3
	23. Tea ... ..	...	...	...	...	1	...	...	...	...	...	...	20
	24. Tobacco	3,591	26,673	1,212	3,232	806	700	2,645	2,725	2,805	777	691	9,095
	25. Cinchona ... ..	...	...	...	...	...	...	...	...	...	...	...	...
	26. Indian Hemp ... ..	...	...	...	...	...	...	...	...	392	...	...	135
	27. Others ... ..	...	...	...	...	...	31	205	269	190	626	232	421
Total ...	3,591	26,672	1,212	3,232	807	731	2,850	3,004	3,177	1,403	923	9,674	
28. Fodder Crops	10,731	39,612	2,512	2,997	1,526	515	198	6,567	6,211	2,324	2,087	1,178	
29. Fruits and Vegetables includ- ing root crops.	35,492	29,046	6,661	6,093	96,463	14,089	21,672	28,779	79,729	61,907	29,202	70,396	
30. Miscellaneous { (a) Food ... Crops. { (b) Non-food...	34	142	3	22	10	17	69	91	311	142	21	404	
	629	30	1	58	167	19	43	57	66	171	25	620	
31. Grand Total	1,064,752	643,261	475,057	539,067	602,692	1,390,514	1,977,033	1,909,056	2,771,915	1,936,733	1,006,065	1,627,863	
32. Area cropped more than once.	19,737	19,018	75,518	511	45,081	16,154	9,473	44,260	64,513	13,061	31,457	130,373	
33. (31-32) Net area cropped during the year.	1,044,995	624,242	399,539	538,576	557,611	1,374,360	1,967,560	1,864,796	2,707,402	1,923,672	1,577,608	1,497,490	

(In Imperial Form A-3).

the Bombay Presidency, 1913-14.

Belgaum.	Bijapur.	Dhárwár.	Thána.	Kolábe.	Batnágiri.	Kánara.	Total Presidency proper.	Karáchi.	Larkána.	Sukkar.	Hyder- ábád.	Nawáb- shah.	Thar and Párkar	Upper Sind Frontier.	Total Sind.	Grand Total.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
108,261	4,325	151,331	324,321	254,797	75,433	176,168	1,662,609	251,416	377,525	39,306	266,820	16,017	122,369	32,444	1,106,400	2,768,099
102,817	174,039	244,676	183	...	...	...	1,394,815	16,385	114,166	132,227	14,180	60,136	57,427	61,493	466,017	1,840,832
533	2,481	18	...	...	...	...	21,824	19,198	4,543	752	867	2,142	969	234	27,870	50,494
662,595	1,628,709	571,937	648	...	...	759	6,605,962	62,028	238,220	240,797	10,015	119,565	14,893	138,620	689,138	7,286,100
147,853	387,708	5,667	...	...	1	...	4,906,258	18,472	11,953	27,476	161,027	140,414	654,022	77,125	1,110,469	6,016,747
36,791	139	43,566	50,030	42,149	34,976	4,100	511,588	419	2	21	4	1	1	...	451	516,039
12,579	1,566	21	16	...	1	291	158,957	873	...	2	116	97	409	15	1,512	160,469
36,487	37,386	35,744	2,023	900	31	333	452,801	732	20,513	19,137	95	4,515	467	52,490	97,839	550,640
235,827	169,093	243,777	44,466	47,923	43,530	6,144	2,412,677	27,436	135,463	23,432	5,559	16,234	6,625	20,395	235,244	2,677,921
1,543,843	2,305,296	1,290,636	421,692	345,669	153,977	187,845	18,152,291	305,962	837,388	362,103	478,773	359,171	857,687	382,676	3,723,966	21,876,251
1,661	81,068	14,018	...	...	...	13	161,000	...	1	...	...	...	5	...	6	162,908
10,326	17,106	11,323	1,952	2,348	205	123	258,731	13,712	8,147	9,191	4,080	9,974	6,092	31,443	39,514	345,279
105	13	177	9	...	...	...	6,721	83,359	123,723	15,868	53,393	42,183	28,139	57,938	354,581	361,302
19,068	415	164	30	83	93	60	192,461	...	...	38	...	...	...	...	38	192,499
8,671	3,501	9,446	7,384	1,292	6,775	331	309,717	1,289	1	60	12	3	3,336	...	4,652	314,399
40,059	102,428	36,178	9,675	3,673	7,073	527	930,530	48,338	131,871	25,157	58,394	52,140	37,573	92,363	445,955	1,376,335
18,782	3,656	47,412	1,839	247	791	6,473	161,053	713	1,838	1,876	915	354	789	259	6,461	167,544
11,564	673	4,365	377	39	588	3,013	57,198	1,139	213	297	968	132	764	21	3,549	60,745
...	...	93	...	62	...	...	275	148	197	1,831	15	25	2	8	2,224	2,499
11,564	673	4,458	377	101	588	3,013	57,471	1,287	410	2,128	978	157	786	27	5,770	61,344
171,860	387,328	659,987	2	...	2	2	3,699,348	639	638	4,159	68,551	104,308	152,326	1,824	332,643	4,230,991
...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1
12,028	10,261	5,595	1,853	229	2,570	154	134,231	85	89	10	204	212	123	29	745	134,979
153,683	397,539	665,502	1,855	229	2,572	157	4,032,563	724	926	4,169	69,755	104,518	152,449	1,847	338,339	4,365,971
...	...	...	...	...	...	...	23	...	133	698	...	1,735	...	...	2,466	2,489
32,417	75,140	37,202	218	...	...	3	395,718	...	395	236	5	4	...	...	642	396,360
32,417	75,140	37,202	218	...	...	3	395,741	...	523	833	5	1,739	...	...	3,106	396,349
...
...	...	...	...	...	2	46	51	...	...	...	...	...	...	...	...	51
...	...	...	...	...	3	24	24	...	...	...	...	...	...	...	...	24
80,965	500	278	1	...	...	1	86,506	46	1,189	1,194	3,497	2,223	227	28	8,404	94,910
...
...	...	...	...	...	...	...	527	...	91	...	...	...	...	...	91	618
416	62	1,766	353	360	1,316	18,341	24,578	...	1	34	...	...	...	...	35	24,613
31,381	582	2,044	354	360	1,318	18,391	111,696	46	1,281	1,228	3,497	2,223	227	28	8,536	120,216
691	1,310	44	98	...	...	...	79,221	4,324	1,441	172	118	1,171	6,043	2	13,266	92,487
34,619	30,312	24,458	9,389	11,033	12,336	20,937	562,486	8,363	6,500	6,740	9,923	4,863	1,223	2,811	40,422	602,562
21	1	...	...	...	1	...	1,379	7	1	18	6	...	30	...	64	1,442
21	16	8	46	9	10	42	1,939	39,757	725	698	16,722	3,305	1,594	216	63,212	65,151
1,697,275	2,916,933	2,113,002	445,693	361,531	178,566	237,396	24,486,354	499,521	1,012,969	425,020	638,082	529,941	1,068,400	490,446	4,064,069	29,130,423
29,149	10,240	23,700	5,567	12,224	11,795	22,240	673,347	28,725	206,515	27,734	8,264	13,749	11,202	26,232	324,469	997,800
1,698,126	2,908,743	2,089,302	439,826	349,297	166,771	215,146	23,813,007	470,796	804,414	397,258	629,816	515,992	1,057,196	454,214	4,319,816	28,132,623

STATEMENT

Irrigated Area in the Bombay

		Ahmed- abad.	Kaira.	Panch Mahals.	Broach.	Surat.	West Khandesh.	East Khandesh.	Nainik.	Ahmed- nagar.	Poona.	Sholapur.	Satara.
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>A - Irrigated area.</i>													
Irrigated from	Government Canals	14,461	3,959	962	...	...	9,050	2,297	30,139	12,749	67,277	16,687	10,885
	Private Canals	52	...	...	...	...	1,609	95	1,965	...	5,441	147	3,161
	Wells	33,607	29,921	3,035	485	5,718	10,790	19,826	52,153	76,268	53,112	81,555	54,546
	Tanks	18,636	1,873	31	...	4,735	112	30	778	...	2,550	.....	545
	Other sources	1,497	486	47	...	41	401	716	3,445	1,288	3,937	144	29,664
Total		68,256	36,251	3,975	485	10,494	21,962	22,934	88,690	90,295	132,367	98,493	98,901
Crops irrigated	Wheat	12,083	2,304	1,928	...	8	10,262	9,095	34,746	25,774	14,700	7,489	17,971
	Rice	38,310	5,741	73	...	4,623	678	195	3,043	189	2,825	1,494	9,976
	Other cereals and pulses	11,009	2,073	894	...	58	4,270	1,426	17,475	46,360	80,924	77,554	40,979
	Sugarcane	300	70	72	12	2,911	819	261	5,020	2,676	12,874	1,301	3,670
	Other food crops	2,871	3,233	750	317	1,845	2,585	4,216	13,536	6,190	26,326	6,539	10,462
	Non-food crops	3,772	21,321	227	159	1,688	5,059	8,031	31,254	9,991	12,686	19,740	31,289
Fodder crops	1,643	2,374	31	...	14	515	198	6,573	6,212	2,289	3,087	1,614	
Total		70,893	87,116	3,975	488	10,545	24,977	23,424	101,981	97,312	152,936	116,214	119,741
<i>Deduct—Area cropped with irrigation more than once</i>		2,642	865	...	8	51	3,015	490	12,991	6,917	20,569	17,731	20,940
Net irrigated area		68,256	86,251	3,975	486	10,494	21,962	22,934	88,990	90,295	132,367	98,483	98,801

IV.

Presidency for the year 1913-14.

Balgaum.	Bijapur.	Dhárwár.	Thána.	Kolába.	Ratná- giri.	Kánara.	Total Presidency proper.	Karachi.	Lárkána.	Sukkur.	Hyderábád.	Nawáb- Shah.	Thar and Páráar.	Upper Sind Frontier.	Total Sind.	Grand Total.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
6,943	143	4,727	...	...	...	1	180,183	233,566	554,165	293,383	584,874	461,516	430,808	414,832	3,013,119	3,193,252
249	260	1,104	...	...	52	539	14,613	16,658	47,656	9,324	2,810	...	...	...	76,448	91,061
32,423	18,596	3,117	4,100	1,519	5,011	755	436,526	112	4,736	13,104	44	13,103	49	1,265	37,413	523,944
7,897	715	61,423	2	2	885	2,293	102,507	...	...	191	...	...	...	...	191	102,699
3,868	1,008	2,497	902	330	4,897	11,325	73,785	26,635	180,535	31,218	6,026	33,572	...	38,117	315,153	333,938
51,379	20,721	79,866	5,004	1,851	10,845	14,913	857,584	327,021	737,082	342,295	593,754	507,196	430,857	464,214	3,442,329	4,294,893
2,969	2,569	24	...	...	...	...	141,327	10,036	114,161	94,460	13,086	60,136	55,941	61,493	409,013	550,340
8,375	555	70,570	...	...	3,759	11,168	161,437	251,410	377,625	36,306	266,820	16,017	123,869	32,444	1,105,400	1,266,837
19,447	9,965	259	...	...	1,040	519	324,152	66,372	359,308	197,126	195,061	281,923	90,291	289,103	1,479,194	1,903,336
11,584	673	4,344	377	23	559	2,254	55,768	1,107	203	295	963	132	784	31	3,512	59,300
6,660	5,196	3,463	4,535	1,554	3,841	676	104,721	3,964	8,473	10,581	11,457	4,413	2,046	2,806	43,745	148,466
7,364	2,769	1,435	29	276	1,626	298	139,252	20,508	133,991	23,024	93,338	153,679	165,726	94,577	695,553	834,805
733	1,310	14	98	...	...	...	25,725	285	1,556	224	15,663	4,410	3,241	2	25,351	51,106
57,337	23,033	80,169	5,029	1,853	10,865	14,933	852,402	353,691	895,223	369,007	601,678	520,945	440,599	480,446	3,791,783	4,714,190
5,958	2,318	291	25	2	20	20	94,838	26,670	208,141	26,602	8,134	13,749	9,741	26,232	319,459	414,297
51,379	20,721	79,866	5,004	1,851	10,845	14,913	857,584	327,021	737,082	342,295	593,754	507,196	430,857	464,214	3,442,329	4,294,893

STATEMENT V.

Estimated Outturn of Kharif and Rabi Crops in parts of 100 (100 denoting a Normal Crop) in the Bombay Presidency during the year 1913-1914.

No.	District.	Kharif.											Rabi.						Per- cent- age Sugar cane.
		Jowari.	Bajri.	Paddy.	Kudra.	Ragi.	Vari.	Tur.	Udid, Mung and Math.	Sesame.	Cotton.		Jowari.	Wheat.	Gram.	Tobacco.	Linseed.	Rape and Mustard.	
											Early.	Late.							
1	Ahmedabad	75	67	98	67	67	67	67	67	58	...	93	...	67	74	83	67	100	83
2	Kaira	108	75	125	108	117	90	100	67	83	...	92	...	77	75	117	50	50	83
3	Panch Mahals	*68	92	100	83	91	75	83	58	67	...	92	...	43	42	50	42	67	75
4	Broach	75	58	58	75	50	58	67	82	63	...	92	..	75	83	92	...	...	75
5	Surat	87	94	109	94	94	93	86	68	75	...	89	...	59	59	83	...	...	85
6	West Khandesh	108	100	93	92	67	67	83	83	92	104	...	100	78	83	92	67	...	125
7	East Khandesh	100	100	75	75	...	67	33	74	83	92	...	...	78	75	75	83	...	75
8	Nasik	50	75	99	68	75	75	75	72	50	75	...	67	69	67	67	67	...	83
9	Ahmednagar	98	102	33	107	117	93	89	84	80	80	...	97	87	78	98	78	...	102
10	Poona	92	67	91	117	100	88	42	48	67	50	...	36	68	50	83	67	...	108
11	Sholapur	...	21	23	33	33	42	33	24	17	25	...	42	48	29	25	42	...	67
12	Satara	67	50	73	67	75	67	58	63	58	58	...	68	70	58	67	75	...	92
13	Belgaum	75	68	67	67	67	67	67	65	75	...	67	67	57	67	96	78	...	95
14	Bijapur	57	47	66	47	42	33	42	46	34	...	57	67	63	53	50	49	...	67
15	Dharwar	75	67	64	67	67	67	67	63	71	...	75	50	75	67	75	91	...	77
16	Thana	83	...	100	67	100	100	83	74	83	...	...	...	100	92	100	...	...	92
17	Kolaba	...	...	100	100	100	92	83	95	100	...	...	...	...	83	...	...	...	100
18	Ratnagiri	...	50	75	75	75	67	67	67	75	...	...	...	...	75	...	...	...	67
19	Kanara	50	...	75	...	67	50	33	60	50	...	...	...	...	50	...	...	...	92
20	Karachi	54	50	50	...	50	67	...	75	67	...	50	...	68	100	58	...	67	58
21	Larkana	58	58	67	...	50	50	...	58	58	...	58	...	67	58	50	...	58	58
22	Sukkur	58	58	50	...	61	58	...	42	50	...	67	...	73	48	42	...	50	75
23	Hyderabad	50	50	50	...	33	67	...	60	58	...	50	...	66	58	50	...	75	67
24	Nawabshah	58	58	50	...	67	58	33	58	58	...	50	...	58	58	75	...	58	33
25	Thar and Parkar	50	51	58	...	50	58	50	42	50	...	58	...	67	33	58	...	50	...
26	Upper Sind Frontier	75	67	75	...	...	...	...	50	58	...	67	...	75	25	42	...	75	83

* For Malis.

STATEMENT V-A.

STATEMENT

Area and Output of Food-grain Crops in the different Divisions of the

Year and Crop.	Gujarāt.			Deccan.			Karnā	
	Area in acres.	Yield per acre in pounds.	Output in tons.	Area in acres.	Yield per acre in pounds.	Output in tons.	Area in acres.	Yield per acre in pounds.
1913-14.								
<i>Cereals.</i>								
1. Rice ...	323,914	1,467	212,171	244,234	944	102,900	263,717	676
2. Wheat ...	224,103	420	42,043	639,198	517	147,625	521,331	356
3. Barley ...	14,390	688	4,420	5,252	560	1,314	2,982	868
4. Jowār ...	441,541	851	167,831	3,399,443	426	645,996	2,763,541	455
5. Bājri ...	351,262	654	102,576	4,013,767	234	508,433	541,228	184
6. Rāgi ...	91,858	1,507	61,802	241,979	723	68,407	80,498	708
7. Maize ...	113,165	824	41,623	31,318	814	11,374	14,166	1,056
8. Kodra ...	149,200	1,243	82,813	8,854	822	3,249	310	484
9. Other Cereals ...	51,606	1,065	24,535	215,024	647	62,103	187,807	632
Total Cereals ...	1,761,039	941	739,814	8,769,069	396	1,551,406	4,375,578	435
<i>Pulses.</i>								
10. Tur ...	54,447	636	15,463	245,835	641	70,342	190,722	576
11. Gram ...	82,075	314	11,430	257,757	313	36,666	109,617	267
12. Other Pulses ...	121,854	430	23,385	805,057	393	141,209	269,858	311
Total Pulses ...	258,376	436	50,338	1,308,649	424	247,617	570,197	391
*Total Cereals and Pulses.	2,019,415	876	790,152	10,077,718	400	1,799,023	4,945,775	430
1912-13.								
<i>Cereals.</i>								
1. Rice ...	235,123	1,141	145,235	242,686	894	96,906	265,479	1,256
2. Wheat ...	186,010	616	51,156	623,235	658	183,099	397,426	540
3. Barley ...	18,962	897	7,593	5,663	533	1,348	3,235	869
4. Jowār ...	547,492	876	214,080	3,820,988	367	625,485	2,479,755	518
5. Bājri ...	501,643	703	157,490	4,054,733	189	342,494	601,500	223
6. Rāgi ...	68,248	1,156	35,218	217,225	665	64,485	81,124	1,012
7. Maize ...	109,552	701	34,294	38,712	727	12,571	13,675	1,098
8. Kodra ...	125,616	835	46,817	9,346	304	1,267	146	445
9. Other Cereals ...	53,960	955	23,021	213,665	561	53,530	279,274	314
Total Cereals ...	1,896,636	844	714,964	9,225,953	325	1,381,185	4,121,614	558
<i>Pulses.</i>								
10. Tur ...	50,546	504	11,367	237,539	481	51,190	180,297	852
11. Gram ...	51,672	388	8,948	325,104	410	59,554	94,665	358
12. Other Pulses...	99,425	450	19,982	773,443	280	96,522	290,139	431
Total Pulses ...	201,643	448	40,297	1,336,091	347	207,266	565,101	588
*Total Cereals and Pulses.	2,098,279	806	755,251	10,562,044	337	1,588,451	4,686,715	563
1911-12.								
<i>Cereals.</i>								
1. Rice ...	115,637	457	23,601	242,990	728	78,928	263,662	644
2. Wheat ...	57,227	427	10,898	589,034	434	114,022	296,541	190
3. Barley ...	28,874	556	7,168	5,185	491	1,736	2,307	872
4. Jowār ...	506,046	422	95,463	3,153,485	324	465,517	2,216,554	363
5. Bājri ...	378,771	260	44,021	3,503,259	166	260,219	479,856	169
6. Rāgi ...	19,226	739	6,347	218,143	594	57,861	77,866	633
7. Maize ...	116,556	214	11,148	34,929	746	11,633	11,659	380
8. Kodra ...	133,400	276	16,471	10,909	737	3,589	838	510
9. Other Cereals ...	26,734	217	2,591	193,021	465	40,100	183,950	438
Total Cereals ...	1,382,471	353	217,708	7,950,955	290	1,023,001	3,533,233	358
<i>Pulses.</i>								
10. Tur ...	45,101	291	4,648	251,466	395	44,306	153,360	431
11. Gram ...	2,811	123	154	281,125	244	30,651	85,288	209
12. Other Pulses...	114,431	147	7,532	968,828	200	86,694	288,129	209
Total Pulses ...	162,393	170	12,334	1,502,419	241	161,651	526,777	273
Total Cereals and Pulses.	1,544,864	334	230,042	9,453,374	287	1,184,656	4,060,010	347

* Exclusive of Amaranth, Makh, Val and Gowar which under the revised classification have been relegated to other classes.