

TWENTIETH ANNUAL REPORT

OF THE

DEPARTMENT OF LAND RECORDS
AND AGRICULTURE,

BOMBAY PRESIDENCY,

FOR THE YEAR -1902-1903.

BOMBAY

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No. $\frac{A}{748}$ OF 1904.

From

H. S. LAWRENCE, ESQUIRE, I.C.S.,
 Director, Land Records and Agriculture,
 Bombay Presidency ;

To

THE SECRETARY TO GOVERNMENT,
 Revenue Department, Bombay.

Poona, 12th February 1904.

SIR,

I have the honour to submit the Annual Report of the Department of Land Records and Agriculture for 1902-1903. The period covered is in the case of Land Records from 1st November 1902 to 31st October 1903, of Agriculture from 1st April 1902 to 31st March 1903, and of Statistics 1st August 1902 to 31st July 1903.

2. The report has been divided as last year into two parts : Part I deals with the administration of the Department and Part II with the character of the season, acreage and outturn of crops and prices. Part II will henceforward be published separately at an earlier date under the arrangements sanctioned by Government in their Resolution No. 8816, dated the 15th December 1903, Revenue Department.

I have the honour to be,

Sir,

Your most obedient Servant,

H. S. LAWRENCE,

Director, Land Records and Agriculture.

PART I.

CHAPTER I.

PREFATORY.

1. Throughout the year the Department was in the charge of H. S. Lawrence, Esquire, I.C.S.

Eighteen out of the 24 Districts in the Presidency were visited.

2. The following officers were in charge of the offices with which this report is concerned:—

Office.	Officer.	Period.
Deputy Director of Agriculture.	Mr. P. R. Mehta, M.R.A.C.	1st November 1902 to 21st September 1903.
	„ F. Fletcher, B. A., B.Sc.	22nd September 1903 to close of the year.
	„ J. B. Knight, M.Sc. ...	13th April 1903 to close of the year.
Special Assistant, Agricultural Department.	„ P. R. Mehta, M.R.A.C....	22nd September 1903 to close of the year.
Joint Deputy Director ...	Mr. W. D. Wilkins ...	Throughout the year.
Superintendent, Land Records and Agriculture, Northern Division.	Mr. F. B. Young ...	1st November to 13th December 1902.
Superintendent, Land Records and Agriculture, Central Division.	„ Ichharam Bhagyandas, B.A.	14th December 1902 to end of the year.
	Mr. J. L. Lushington ...	1st November to 30th April 1903.
Superintendent, Land Records and Agriculture, Southern Division.	„ K. G. Kalghatgi, L.C.E.	1st May 1903 to 31st July 1903.
	„ J. L. Lushington ...	1st August 1903 to end of the year.

3. Until the appointment of Mr. Knight as Special Assistant, Agricultural Department, on the 13th April, Mr. Mehta supervised the farms at Poona, Manjri, Surat and Nadiád. From that date Mr. Knight held charge of the Poona and Manjri Farms. Under Mr. Mehta's charge Demonstration plots were cultivated at Dhulia in the Khándesh District, and at Chharodi in the Ahmedabad District, for the demonstration of improved varieties of cotton and jowari suited to those districts. Experiments in the application of nitre manure to rice fields were carried out by Mr. Mehta in Surat and by Mr. Knight in the Poona and Thána Districts. Mr. Mehta was also engaged in preparing an agricultural Hand Book for the use of students in Training Colleges and Mr. Knight in preparing a course of agricultural lessons for reading books in village schools.

The Superintendents, Land Records and Agriculture, visited all the districts in their charges and supervised the training of Village Accountants in Survey work and the regular work of the District Survey Offices and the Land Record Staff. The Superintendents also supervised the work of the special field parties working under them and tested their field work.

Northern Division ... 3
Central Division ... 7
Southern Division ... 5

Junior Civilians to the number shown in the margin were instructed by the several Superintendents in Survey and Settlement work.

A central class was also held at Poona from September 24th to the 7th of November at which six Assistant Collectors and two Deputy Collectors were instructed in Agriculture by Mr. Knight and four Assistant Collectors and two Deputy Collectors in Survey work by the Superintendent, Central Division.

CHAPTER II.

LAND RECORD ESTABLISHMENT.

4. The progress of the Record of Rights was suspended during the year pending the passing of the Record of Rights Act and the framing of rules thereunder. This Act was passed on 22nd April 1903 and the rules were approved and published shortly after the close of the year.

5. The following table shows the progress of the training of Village Accountants in Survey in 1902-03 :—

Division.	NUMBER OF TALUKAS		Number of Village Accountants attending the classes.	Number who passed the preliminary Examination.	NUMBER EXAMINED IN THE FIELD BY DISTRICT INSPECTORS.			Number who passed the final Field test.	Number Examined by the Superintendent in Field work.
	Total.	In which Survey classes were held.			Those who attended the class in 1901.	Those who attended the class in 1902.	Total.		
1	2	3	4	5	6	7	8	9	10
Northern ...	40	11	200	174	97	153	250	211	32
Central ...	66	50	897	348	128	610	738	425	52
Southern ...	51	47	783	503	145	200	345	207	157
Total ...	157	108	1,880	1,025	370	963	1,333	843	241

No classes were held in Ahmedabad, Kaira and Panch Maháls owing to the famine. In Ahmednagar also for the same reason classes were held in three talukas only. In Ratnágiri and Kolába classes were held in January and March respectively and in Bijápur in July and no field test was taken by the District Inspectors in these districts. In others the number of Village Accountants examined in the field was sufficiently large.

The amount of test taken by Mr. Lushington in the Southern Division was very satisfactory and compared very favourably with the test taken in the Central and Northern Divisions.

The teaching appears to be least efficient in Ahmednagar. Village Accountants on the whole show considerable aptitude in picking up the work, and the chief difficulty in making them efficient surveyors consists in the want of practice. The amount of Survey work required in any village in the course of the year in existing circumstances appears to be insufficient to keep the accountant in practice. Whether in order to supply this need the sub-division of occupancies in connection with the Record of Rights should be imposed on the accountant is a question that requires careful consideration.

6. The attention of the Land Record Staff was gradually diverted from duties connected with famine to their regular work and considerable progress was made in the disposal of measurement cases which were greatly in arrears. By Government Resolution No. 1804 of 14th March 1903 revised rules which were drawn up by the Committee of Commissioners were sanctioned. Their principal intention is to bring the Land Record Staff into closer connection with Revenue officers and to widen the scope of duties upon which it is permissible to employ them. It is not however proposed that their duties should be entirely changed from the supervision of Land Records into the supervision of Land Revenue.

A special class was held at Broach in March-April for the Survey training of Circle Inspectors in the Northern Division. In the Central and Southern Divisions no such class was held pending issue of final orders on the scheme for the training of Circle Inspectors in Survey submitted by this office. These orders have now been received and Central classes as there directed have been opened at Broach, Poona and Belgaum to instruct the newly appointed Circle Inspectors.

7. *Crop waste and Boundary mark inspection.*—The statement appended in the form prescribed by Government Resolution No. 6730 of 25th September 1902 shows the extent to which crop waste and boundary mark inspection was

carried out. The work appears to be satisfactory excepting in Kolába where the number of days devoted to inspection was very small. In the Central Division duties connected with famine, plague or damage by locusts interfered with inspection. In Dhárwár and Broach heavy rains in November-December prevented crop inspection being made for a month or two. Encroachments detected by Village Accountants and Circle Inspectors in the crop inspection

Division.	1902-03.	1901-02.
Southern	489	565
Central... ..	699	761
Northern	1,269	822

period decreased in the first two divisions but showed an increase of 5½ per cent. in the Northern Division. The number of Circle Inspectors has been increased, the average charge of an Inspector being proportionately reduced.

Division.	NUMBER OF CIRCLE INSPECTORS.		
	Former.	Present.	Increase.
Northern	89	131	42
Central	195	245	50
Southern	149	215	66
Total	433	591	158

8. *District Inspectors.*—A considerable part of the time of the District Inspector was occupied with the supervision of the training of Village Accountants in Survey and their subsequent examination and the test of the ordinary work of the Circle Inspectors taken by them may be regarded as sufficient. The District Inspector of Násik was employed by the Collector on the demarcation of the building sites near Devláli and in checking reports of damage by locusts. In Poona, Sholápur, Ahmednagar and Dhárwár where revision settlements were in progress the District Inspectors conducted enquiries into Patasthal. In Ratnágiri the introduction of the revised assessments and in Khándesh the supervision of a preliminary Record of Rights which at the Collector's wish was prepared in four tálukas engaged their attention.

The District Inspectors of Poona, Ahmednagar, Sholápur and Thána and the Assistant District Inspector of Khándesh were examined by the Superintendent and with the exception of the Thána District Inspector were declared competent to take independent test of Circle Inspectors' measurement work.

9. *Vital statistics.*—Circle Inspectors examined the sanitary forms in all the districts except Dhárwár and Bijápur and a further improvement in their preparation is reported except in Ratnágiri, Kolába, Sátára and Ahmednagar.

10. *Encroachment Inspection.*—This inspection was carried on from March to May in 11 districts and a considerable number of important encroachments were discovered in four districts. In all the districts Circle Inspectors were during this period employed on the disposal of measurement cases. In Khándesh they also supervised the compilation of the Record of Rights in four tálukas and in Poona, Ahmednagar, Sholápur and Dhárwár collected materials for the Revision settlement proposals of certain tálukas in those districts.

11. *Measurement and classification work performed by Circle Inspectors.*—The amount of this work is exhibited in the following table:—

Division.	Arrears.	New cases.	Disposed of.	Balance.
Southern	2,126	3,250	3,994	1,382
Central	1,475	3,510	3,740	1,245
Northern	1,522	6,185	6,478	1,229

The new cases received increased in the first two divisions but fell in the last. The progress made was satisfactory and the District Inspectors' test was also sufficient except in Thána.

12. *District Survey Offices.*—These offices are working with a satisfactory degree of efficiency.

13. *Superior test by Sub-Divisional Officers and Mámlatdárs.*—A return of the test of Circle Inspectors' field work in the prescribed form has been received from two districts (Sátára and Sholápur) only. Some of the Collectors remark that in the revised form of the Administration Report no mention is to be made of the Land Record staff and that no return of such inspections is, therefore, required. The orders that Government may be pleased to issue on this office letter No. $\frac{A}{1581}$ of 16th April last will no doubt determine this point.

14. The following establishments were entertained in the District Survey offices and for miscellaneous Survey work:—

	Northern Division.	Central Division.	Southern Division.
Field Party	10 classers	14 classers and measurers under a Head Surveyor.	4 classers and a probationer under a Head Classer.
Head Quarters establishment.	24 (4 classers and 20 register writers).	3, including Survey Daftardár.	3, including Survey Daftardár.
Temporary establishment for calculation of assessments.	.....	15 kárkuns	12 kárkuns.

The work consisted of—

(1) the correction of survey papers in regard to lands taken up for famine relief work.

(2) the calculation of revised assessments and the preparation of akarbands for seven tálukas. In the Northern Division no further temporary establishment was entertained. The work was done by the classers and register writers with the help of the permanent staff of the Central Record Office, Broach.

(3) Duplication of akarbands in seven tálukas.

(4) Calculation of Himayat subsoil and Akasia assessments of 14 villages in one táluka.

(5) Preparation of Kamjasti patraks on account of lands taken up for roads in the Poona District and for famine relief works in the Northern Division.

(6) Recess examination of the field work done in the previous field season for 15 villages in the Central Division and 2,589 survey numbers in the Northern Division.

(7) Measurement of lands taken up for famine relief works in four districts in the Northern Division: 4,243 Survey numbers with an area of 7,347 acres were measured.

(8) Measurement of new roads made during the famine in two districts in the Southern Division.

(9) Measurement and classification of one Government and three Inám villages.

(10) Preparation of demarcation maps of 134 villages in connection with projected extensions of the Nira and Gokak canals in the Central Division.

Settlement proposals for two Inám villages were submitted by the Superintendent, Land Records and Agriculture, Central Division. Revision Survey rates were announced by the Superintendent, Northern Division, in three tálukas and one peta and Original or Revision rates by the Superintendent, Central Division, in 20 Government or Inám villages. Survey operations in the Akrani pargana were resumed and measurement of 18, and classification of 19, villages was completed during the year.

CHAPTER III.
UTILIZATION OF LAND RECORDS.
PROGRESS IN THE COMPILATION OF THE CIRCLE BOOKS.

15. Circle Books were compiled during the year in all the talukas in ten districts and in parts in five districts. No compilation was made in the Kaira District owing to famine and in Broach and in four talukas in Surat it was postponed pending introduction of the revised Survey rates. Reports have not been received from the District of Poona. The compilation is reported to be well up to date in 11 Districts. In Násik, Sholápur and Panch Maháls special arrangements were made to bring the compilation up to date in view of the impending revision of current settlements in certain talukas of these Districts.

CHAPTER IV.
SCIENTIFIC AND NATIONAL ENQUIRY UNDER IMPERIAL CONTROL.
A.—METEOROLOGY.

16. The number of rain-gauge stations reporting to this office increased from 327 to 331, the new stations being Nágothna in Kolába, Mandal and Ránpur in Ahmedabad, and Khandkote in Upper Sind Frontier.

Inspection of Rain-gauges.—Insufficient attention was paid to their inspec-

Name of Province.	Number of gauges.	Number of gauges inspected.
Deccan ...	91	60
Karnátak ...	33	29
Konkan ...	46	32
Gujarát ...	44	37
Sind ...	59	41

tion in Poona, Sholápur and Sátára. No inspection was performed in the Sávantvádi, Sávanur and Cutch States, and inspection was also inadequate in Kolhápur, Káthiáwár and Mahi Kántba. The general average of inspection decreased from 76 to 73 per cent.

B.—MINERAL STATISTICS.

17. Search for gold continued to be made in the Dhárwár District. Similar attempts are also being made on the borders of the Sángli State. In the year under report 4 licenses to prospect for gold were granted covering a total area of 4.8 square miles.

C.—COLLECTION FOR THE IMPERIAL INSTITUTE AND THE INDIAN MUSEUM.

18. The following articles were forwarded to the Reporter on Economic Products :—

- (1) *Suaeda fruticosa*, Forsk, barilla-yielding plant; Ver. Lani; Botanical Specimens, obtained from Hyderabad and Sukkur.
- (2) Jowar Heads from Thana and Surat.
- (3) Chillies from the Government Farms.
- (4) *Wrightia tinctoria*; Ver. Kála Kuda, Khirni; seed, from Kánara.
- (5) *Lathyrus sativus*; Ver. Láng, Lákh, Matar; 15 bazar specimens from Broach, Surat, Násik, Karáchi, Hyderabad, Lárkhána, Sukkur and Upper Sind Frontier.

The Delhi Exhibition.

19. The Bombay Exhibits received three Gold Medals, ten Silver Medals and nineteen Bronze Medals and were commended for eighteen articles. The details of these, according to the places from which the articles were exhibited, are as noted below :—

	Bombay.	Baroda.	Surat.	Bhúj.	Ahmedabad.	Poona.	Hyderabad.	Sávant-wádi.	Bháv-nagar.	Sholá-pur.	Bijápur.	Cambay.	Navana-gar.
Iron, tin and lead wares ...	g	e	...	...	...	...	...	...	...	...	...	...	...
Enamelled wares (gold and silver) ...	e	...	...	...	...	...	...	...	...	g	...	...	...
Gold and silver plate ...	...	...	d	...	...	e	...	...	...	...	...	...	...
Copper and brass wares ...	g	d (2)	...	...	...	d	...	...	...	...	...	...	...
Lapidary work ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pottery and clay modelling ...	g	...	...	...	...	...	...	...	...	...	...	...	...
Wood carving ...	a b	e	...	...	...	...	...	...	...	...	...	...	...
Sandal wood ...	g	...	c (3) d	...	d	...	...	...	...	...	...	...	...
Veneering, &c. ...	e	...	...	...	...	...	...	...	...	...	...	...	...
Painted wood work and papier maché ...	...	...	...	...	...	...	...	d	...	...	...	...	...
Minor wood works ...	...	...	...	...	...	...	e	...	...	...	...	...	...
Leather and skins ...	d	...	e	...	e	...	...	...	...	...	...	...	...
Lac-ware of India ...	...	d	...	...	...	...	d	...	...	...	...	...	...
Varnish ware and wax work ...	...	...	...	e	...	...	d	...	...	...	...	...	d
Tie-dying ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Silk ...	...	d	e	...	b	...	...	...	...	...	...	...	...
Embroidery with silk in chain stitch ...	...	...	...	d (2)	...	...	...	...	...	...	...	...	...
Embroidery in gold and silver wire ...	...	e	...	...	...	...	...	...	...	...	...	...	...
Braiding ...	...	...	d (2)	d	...	...	...	...	...	...	...	...	...
Pile carpets ...	e	...	...	...	...	e	...	...	...	...	...	...	...
Cotton carpets ...	...	...	...	...	...	b	...	...	...	...	...	...	...
Statuary ...	a	...	...	...	...	...	...	...	...	...	...	...	...

a=Gold Medal; b=Silver Medal; e=Bronze Medal; d=Commended.

D.—ENTOMOLOGY.

The post of the Entomologist.

20. The post of the Government Entomologist which had been hitherto attached to the staff of the Indian Museum, Calcutta, has been transferred to the Department of Agriculture in India, and Mr. H. M. Lefroy, M. A., has been appointed to the post. Pending the construction of the proposed Research station at Pusa, his head-quarters have been fixed at Surat.

Locusts.

21. The following varieties of locusts were identified by the Superintendent, Indian Museum, Calcutta, and by the Entomologist to the Government of India, as having visited the following districts :—

District.	Date of visit.	Species of Locusts.
Panch Maháls ...	June 1903 ...	Acridium succinctum.
Surat ...	October 1903 ...	Do.
Poona ...	November 1902 ...	Do.
Sholápur ...	Do. ...	Do.
Do. ...	June 1903 ...	Acridium and Acridium æruginosum.
Sátára ...	May 1903 ...	Acridium succinctum.
Belgaum ...	April 1903 ...	Do.
Bijápur ...	May and June 1903 ...	Do.
Thána ...	May, July and October 1903.	Do.
Kaira ...	August 1903 ...	Acridium peregrinum.
Pálanpur ...	September 1903 ...	Do.
Hálar ...	October 1903 ...	Do.
Ratnágiri ...	December 1902 ...	Do.

They also visited all other districts of the Presidency (including Sind) excepting Kánara, and are reported to have done considerable damage in the Ahmedabad, Kaira, Panch Maháls and Khándesh Districts. No effective means of coping with the swarms when full grown have yet been devised, though Mr. Lefroy has made some experiments in poisoning fields and driving locusts to feed in those fields. Little information has yet been obtained regarding their times and places of breeding, and the subject is now being investigated. Great difficulties must at all times be experienced in Gujarát owing to the objections entertained by the people to the destruction of life.

Other Pests.

22. Rats appeared in the Ahmedabad, Násik, Ahmednagar, Sholápur, Poona, Dhárwár, Belgaum, Karáchi, Hyderabad and Thar and Párkar Districts, but the damage done is reported to be slight.

E.—TRADE AND TRADE STATISTICS.

23. The registration of the rail-borne traffic is carried out by the Railway Administrations concerned, the compilation by the Government Examiner of Railway Accounts and the review and the publication of the Annual Returns by the Director, Land Records and Agriculture, Bombay.

The following table shows the rail-borne trade registered in 1902-03, in lákhs of maunds (maund being equal to 82 $\frac{2}{7}$ lbs.).

Year.	PRESIDENCY PROPER.				SIND.			
	External Trade.		Local Trade.	Total Trade.	External Trade.		Local Trade.	Total Trade.
	Imports.	Exports.			Imports.	Exports.		
1902-1903 ...	483	168	330	981	164	52	84	300
1901-1902 ...	471	170	330	971	202	52	101	355
Average ...	395	154	355	904	127	40	81	248
Increase(+) or decrease(—) over 1901-1902 ...	+12	—2	...	+10	—38	...	—17	—55
Increase(+) or decrease(—) over average ...	+88	+14	—25	+77	+37	+12	+3	+52

The total trade in the Presidency Proper improved by 1·0 per cent. over last year and 8·5 per cent. over the average; in Sind, however, it decreased by 15·5 per cent. from last year, but increased by 20·9 per cent. over the average.

The road-borne trade was registered at four selected Nákas in the Presidency Proper.

CHAPTER V.

SCIENTIFIC AND LOCAL ENQUIRY UNDER PROVINCIAL CONTROL.

A.—EXPERIMENTAL FARMS.

24. The following is a brief notice of the principal experiments conducted and results attained on the experimental farms and gardens in this Presidency during 1902-03. A detailed account of these experiments will be found in the annual report of these farms and gardens separately published.

POONA FARM.

25. The rainfall was well distributed and both kharif and rabi crops yielded well.

Fodder Experiments.

Sorghums.—Twelve varieties of *jowar* which were found to be the best for fodder in the previous year were grown for comparison with American and African sorghums and maize. Nilva, Utávli, Imphee and the American sorghums gave the best results—12,500 to 19,900 lbs. per acre. The net profit on Nilva, the best indigenous variety, was Rs. 30 per acre and that on Sorghum Collier Rs. 42 per acre. Sundhia appeared to be too delicate to withstand excessive drought or rain.

Mauritius Water grass.—This grass yielded an average crop of 22,450 lbs. per acre.

Guinea grass.—The outturn from Guinea grass was only 12,250 lbs. per acre; but the net profit was still Rs. 46 per acre.

Paspalum dilatatum.—New sowings from fresh seeds received from Australia did no better than the older plantations. As yet it gives no promise of being a successful drought-resisting plant.

Experiments with grain and other crops.

Groundnut.—The imported varieties of groundnut yielded better, but were found to be as susceptible to disease as the indigenous. The copper sulphate solution with which the seed was treated had apparently no effect.

Cassava or tapioca.—The plants were grown under irrigation. The tubers were big and long and averaged 16 lbs. to the plant. The white-fleshed variety yielded about 11½ per cent. starch.

Soybeans.—From Japan grew well and produced seeds in good quantity. They were creamy white in colour and yielded about 17 per cent. of oil.

Broom corn.—From America was successfully grown and produced panicles 2 feet long. An attempt is being made to prepare brooms from these.

Cowpea.—Seeds of this pulse received from the Inspector General of Agriculture grew and bore well, but owing to an attack of insects the produce was small.

Maize.—The American maize was sown in the kharif season, but the plants were stunted and the ears inferior in taste to those produced in America.

Tur.—Several varieties of tur obtained from Madras, Central Provinces and other places were grown for comparison and seed secured for extended trial in the coming season.

Wheat and Shálu jowar.—One hundred and twenty-five varieties of wheat and 34 of Shálu Jowar collected from different parts of India were grown for classification and identification and seed has been secured for growing selected

varieties on a larger scale. Professor Gammie has recently drawn up a note describing the characteristics of the different wheats, which will be very useful for future experiments.

Wheat head Experiments.

Experiments were made with a view to see whether the seeds from the heads bearing the largest number of grains produced the largest heads, and it was found that a poor seed from a plant which produced mostly good seed yields better than a good seed from a plant which mostly produced poor seed.

Cross Fertilization Experiments.

Cotton crosses promise to give fairly successful results. The work requires judicious and careful selection of plants and is carried out under the direct supervision of Professor Gammie of the College of Science. The wheat crosses were not successful, owing to all the varieties being more or less affected with rust.

The Dairy Herd.

The dairy herd consisted of 161 cows and 72 buffaloes and was worked at a profit of Rs. 2,576. During the year 46 animals were sold. Mr. Knight has carefully examined the question whether it is preferable to maintain the strength of the herd by new purchases or by breeding, and shows that the balance of advantage rests with the selection of young stock from the best parents already in the herd.

Prickly-pear and Aloe-feeding Experiments.

Experiments in feeding cattle with prickly-pear were carried out on an extended scale. The animals ate the stuff greedily when hard pressed by hunger and though they lost condition were kept alive till it was considered desirable to close the experiment after a trial of $4\frac{1}{2}$ months. Experiments with feeding aloe were less successful and the animals lost condition at a much earlier stage. A bulletin describing in detail the conduct of these experiments is being separately published.

Training of Agricultural Probationers.

With the funds provided by the Inspector General of Agriculture in India quarters have been erected for apprentices coming from various provinces to receive training in practical agriculture. The value of the farm for this purpose has been well appreciated and two probationers have been trained for Madras, 1 for Bengal, 1 for the Punjab, 1 for the Central Provinces and 3 on behalf of the Bombay Educational Department.

THE GANESHKHIND GARDENS.

26. The mango crop bore little fruit this year. The grass produced was worth Rs. 1,050 and the gardens were worked with a profit of Rs. 329.

MANJRI FARM.

27. The season was somewhat unfavourable, the rains having commenced and ended later than usual.

Sugarcane Experiments.

The sugar borer did considerable damage to the sugarcane which was a ratoon crop. The results are therefore not conclusive. Safflower and cotton seedcakes, however, proved the best manures while the yield from bones and nitre was, as before, very low.

The water experiments confirmed the conclusion previously arrived at that it was advantageous to give regular small waterings at short intervals instead of heavy irrigation at irregular intervals. This result should be of value to officers of the Public Works Department in determining claims to rotation of water.

Experiments with grain and other crops.

Soybeans.—Were unsatisfactory.

Bájrí.—Bhávnaagar variety proved the best.

Maize.—Poona and Joanpur varieties proved the best.

Wheat, jowár and cotton.—68 varieties of wheat, 256 of jowár and 70 indigenous and 25 exotic cottons were grown for identification and classification. Those showing the best results are being given an extended trial.

Sweet Potatoes.—Sweet potatoes from America continued to give satisfactory results, the outturn varying from 20 to 24 thousand pounds per acre. A large demand from outside has been received for the cuttings and met.

Fungicide Experiments on Wheat Seed.

Sodium and potassium sulphide solutions gave the best results. The process is very simple and does not cost more than 1 to 2 annas per acre. Mr. Knight has been requested to communicate these results to the native vernacular papers.

Distribution of Seed.

Sugarcane cuttings, sweet-potato haulms and tubers, and wheat, bájrí and maize seeds were distributed in and outside the Presidency.

The farm was worked at a cost of Rs. 2,872.

SURAT FARM.

28. The rainfall, though sufficient, was most irregular, about half of it having fallen on a single day.

Manure Rotation Experiments.

Poudrette proved superior to farmyard manure and castor cake. Cotton on fields that had remained fallow in the previous year and in which san was ploughed in gave more than double the ordinary outturn.

Experiments with other dry crops.

Varieties of jowár.—The varieties of jowár collected some years ago were destroyed in the drought of 1901. Fresh collections were made during the year and 261 varieties which were gathered were cultivated on the farm and identified and classified.

Cotton.—The Deshi variety of cotton was sown in two fields of equal value to try the effect of sowing cotton wider apart than is usual in the district. The result was distinctly in favour of the broader drills, the yield in the case of the latter being 471 pounds against 312 in that of the ordinary distance rows.

Cross-Breeding Experiments.

Experiments in cotton have so far been successful but it will take some time to fix the type. Similar experiments have been in progress with wheat of which 101 varieties were grown on the farm. All, however, suffered severely from rust.

Experiments for prevention of fungoid diseases.

Steeping experiments for prevention of fungoid diseases were continued with jowár and wheat. In the former case nothing was proved owing to the absence of disease in the unsteeped as well as steeped seeds. In the latter the copper sulphate treatment was the most effectual. It is also the most easy and economical. Massel powder also produced good results.

Irrigated crops.

Among irrigated crops groundnuts yielded well and were free from disease. Most of the produce was therefore distributed in the Deccan where it is severely suffering from Tikka disease. Sweet potatoes from America and onions yielded only a moderate crop. Brinjals and chillies suffered severely from disease, and Dr. Butler was engaged in studying this and other diseases of the farm crops.

Improved Agricultural Implements.

A simple machine for cutting up jowár and other fodders called "Ohio Lever Chaff Cutter" was worked on the farm and shown to the cultivators who visited the farm. It effects economy in feeding and was much appreciated by the visitors. 25 of these machines have been ordered out by the Collector for distribution among cultivators. Three "Turn Wrest Ploughs" were also purchased by the cultivators from the farm. It is very useful for cleaning black soil fields of weeds or where work has to be done rapidly.

The Dairy Herd.

The Dairy herd consisted of 39 cows and 45 buffaloes and was worked at a cost of Rs. 822.

Quarters for Apprentices.

As at Poona quarters for apprentices have also been erected on this farm with the funds provided by the Inspector-General of Agriculture.

Visits of cultivators, etc.

A special feature of the year's work was the extension of the distribution of seeds to cultivators, and the attention given to the visits of cultivators to the farm. The Department is indebted to Mr. Sladen, the Collector of Surat, for his co-operation in this work.

The farm was worked at a cost of Rs. 7,070 which includes Rs. 864 on account of permanent improvements and Rs. 822 on account of the Dairy.

NADIA'D FARM.

29. The monsoon commenced late. The rain was scanty in the beginning and bájri and other crops had to be irrigated at considerable cost. The later rains were plentiful but proved somewhat injurious.

Owing to the small area and to the unsuitability of the soil for experimental purposes a new site with a larger area (about 42 acres) has been taken up. The farm has been placed in charge of a Superintendent paid by Government and will be under the control of the Deputy Director.

THE MUNICIPAL SEWAGE FARM AT MA'NJRI.

30. During the year experiments with sewage in connection with the Poona Municipality were conducted on an extended scale. The value of crops produced came to Rs. 3,623 against a total cost of cultivation of Rs. 3,168.

This balance of profit will probably be insufficient to bear the cost of interest on an expensive drainage scheme. Better results may, however, be expected when further experience has been gained in regard to the difficult work of distributing the effluents according to the needs of the crops. Other disturbing factors were a high cost of cultivation owing to the foul condition of the newly purchased fields and a fall in the prices of produce. A special report has been published on the experiment.

THE NORTHCOTE GOWSHALA.

31. During the year 108 calves were castrated and sold and 15 bull-calves from the best dams were sold for stud purposes. A number of cows of mixed breed were exchanged for pure Kánkreji heifers. There were 591 animals at the close of the year. The supply of pure bred bulls in the country will, it is hoped, meet a great demand of the country side.

A small demonstration farm has been started to produce selected seeds of staple crops for distribution.

THE EMPRESS AND BUND GARDENS.

32. The gardens under the management of the Agri-Horticultural Society of Western India have continued to progress. They have acquired a good financial reserve and are in a position to develop their experiments. In this work Government have guaranteed their assistance to the extent of Rs. 3,000 and the experiments are now under the control of Professor Gammie.

B.—MISCELLANEOUS EXPERIMENTS.

33. The experiments in arrowroot and coffee in Ratnágiri and in coffee in Kánara are being continued and extended.

Cuttings of the American sweet potatoes were distributed from the Poona and Surat farms to numerous places in and out of the Presidency and the results have been mostly favourable.

C.—AGRICULTURAL IMPLEMENTS.

34. An iron "mot" or water bucket used in the Málha and Málshiras Tálukas has been brought to the notice of this Department by the Collector of Sholápur. It is said to cost Rs. 7 and to last for 5 or 6 years. A trial is being given to it on the Government farms.

CHAPTER VI.

AGRICULTURAL EDUCATION.

35. Steps have been taken towards the improvement of the teaching at the College of Science, Poona. A special Professor of Agriculture has been appointed temporarily in the first instance. Mr. Knight, a graduate of an American Agricultural College, has been selected for the appointment, and plans for the further equipment of the course are under consideration.

The admission of Agricultural Diplomates to Government service on terms of equality with graduates of Arts has led to a satisfactory increase in the number and improvement in the quality of students attending the College.

The scheme for the teaching of agriculture at Training Colleges has been advanced by the practical instruction on the farms of 3 teachers designated for the Ahmedabad, Poona and Dhárwár Colleges. These men proved themselves so efficient that during the absence on leave of two of the permanent staff of the farm the important farms of Kirkee and Mánjri were placed in their charge and were for the time satisfactorily managed by them.

Madras	2	The farms have also been utilized for the instruction of probationers from the Provinces noted in the margin.
Bengal	...	...	1
Punjab	...	...	1

The Director of Land Records and Agriculture has recently been associated with the Director of Public Instruction in the control of the agricultural branch of the College of Science. An agricultural text-book based on Mr. Mollison's "Agriculture in India" has been in course of preparation by Mr. Mehta and simple lessons for insertion in the revised reading books of the Educational Department for village schools have also been in course of preparation by Mr. Knight.

CHAPTER VII.

PUBLICATION OF AGRICULTURAL INFORMATION.

A.—AGRICULTURAL STATISTICS.

36. *Vide* season and crop report. This report will in future be published at an earlier date separately from the Annual Report of the Department.

B.—PRICES.

37. Of the stations appointed to record and report prices all were visited once and some were inspected twice during the year.

The check exercised by the Inspectors brings to light many irregularities, many trifling, but some of importance. The returns were well prepared except at Dhárwár, Belgaum and Dhulia, where the officers in charge had omitted to take the percentage test prescribed by the rules. At these three stations also Táluka Form No. 38 was neglected. At Dhárwár and Belgaum this form was not up to date, and at Dhulia identical prices were reported in spite of frequent fluctuations for consecutive months.

C.—CROP EXPERIMENTS.

Bájri 21; jowár 15; rice 12; wheat 10; hill millets 19; gram 9; oil-seeds 19; cotton 4; sugarcane 4; and other crops 8.

38. The postponement of the record of rights enabled officers to take up this work again, and reports were received from all districts. 121 experiments were conducted on the crops shown in the margin. Of these, 50 were reported from the Northern Division, 40 from the Central Division, and 31 from the Southern Division.

APPENDIX.

Statement showing the average number of Survey Numbers inspected by Circle Inspectors in the course of waste and concurrent boundary mark inspection and the number of days devoted by them to this work—*vide* paragraph 7.

Year.	Nature of the year.	DHARWAR.		EJJA'PUR.		BELGAUM.		KA'NARA.		RATNA'GIRI.		KOLA'BA.		KHA'NDERIL.		NA'SIK.		AHERA'BAVA.	
		Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.
1897-98 ...	Normal ...	60	9	63	8	25	9	62	9	49	4	61	8	67	8	56	8	72	8
1898-99 ...	Do. ...	17	8	27	7	45	9	45	10	57	4	65	7	71	8	56	8	72	7
1899-1900 ...	Famine ...	..	..	29	7	23	8	48	10	25	5	19	7	..	..	..	..	..	..
1900-1901 ...	Do. ...	47	9	57	10	61	11	42	9	49	5	63	7	70	10	61	10	..	..
1901-1902 ...	Do. ...	65	8	32	6	51	8	47	7	31	4	37	6	63	8	67	8	4	7
1902-1903 ...	Normal ...	51	7	49	6	45	8	40	5	63	5	33	6	73	8	52	6	44	7

Year.	Nature of the year.	POONA.		EJOLA'PUR.		SAYA'BA.		AHMED-ABAD.		KAIRA.		PANCH MAHA'LS.		DHOACH.		SURAT.		TDA'VA.		Remarks.
		Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.	Number of days devoted.	Average number of Survey Numbers inspected each day.			
1897-98 ...	Normal ...	65	7	56	6	60	8	71	15	69	13	..	..	..	..	..	..	..	..	..
1898-99 ...	Do. ...	69	7	68	7	62	8	69	15	65	14	Staff	not	introd	used.	..	..	..	..	..
1899-1900 ...	Famine ...	..	..	..	..	..	..	13	15	..	..	..	..	..	..	..	..	..	..	..
1900-1901 ...	Do. ...	64	8	..	..	60	10	..	..	..	..	51	21	60	23	36	14	39	9	..
1901-1902 ...	Do. ...	59	7	51	7	51	8	16	11	..	..	64	13	71	12	57	11	58	7	..
1902-1903 ...	Normal ...	63	7	62	6	54	8	42	15	..	..	62	14	52	14	73	11	59	5	..

PART II.

ANNUAL SEASON AND CROP REPORT OF THE BOMBAY PRESIDENCY,
1902-1903.

A.—RAINFALL.

1. The detailed analysis of the rainfall of the season of 1902 will be found in the appended tables (pages I—XIII). The rainfall of the year is contrasted with the average fall and the fall of the preceding year in the statement below:—

No.	District Head-quarter.	YEAR ENDING 31ST DECEMBER.					
		Average of eleven years ending 1902.	1901.		1902.		
			Fall.	Rainy days.	Fall.	Rainy days.	
		Inches.	Inches.	No.	Inches.	No.	
1	DECCAN.	Dhulia (Khándesh) ...	22.40	18.91	31	21.91	42
2		Násik ...	29.19	16.73	42	30.30	43
3		Ahmednagar ...	22.68	17.36	32	30.31	35
4		Poona ...	31.92	30.18	56	31.12	49
5		Sholápur ...	25.99	24.92	38	30.41	35
6		Sátára ...	40.65	37.66	70	37.45	72
7	KARNÁTAK.	Belgaum ...	51.88	55.96	92	51.86	81
8		Bijápur ...	23.61	20.30	33	21.18	41
9		Dhárwár ...	34.11	34.17	79	38.46	67
10	KONKAN.	Kárwár (Kánara) ...	118.81	130.53	96	149.91	108
11		Ratnágiri ...	95.65	78.62	90	98.56	83
12		Alibág (Kolába) ...	88.78	83.39	80	80.27	77
13		Thána ...	100.24	100.74	93	81.17	84
14	GUJARÁT.	Surat ...	39.58	18.45	26	55.08	42
15		Broach ...	41.77	22.11	21	49.46	41
16		Kaira ...	32.73	17.75	22	32.38	30
17		Godhra (Panch Maháls) ...	38.13	24.89	26	36.16	33
18		Ahmedabad ...	31.39	19.16	25	26.06	29

The monsoon current was very weak throughout June, but there was some rain due to cyclonic disturbances which afforded sufficient moisture for commencing sowings except in the districts of Gujarát, North Thána and eastern parts of the Deccan. The regular monsoon set in in the second week of July and sufficient rain fell in the Konkan, South Gujarát, Khándesh and the western parts of the Deccan and the Karnátak. Elsewhere it was deficient and some crops were lost in Ahmednagar, Sholápur, Bijápur and the eastern parts of Poona, Násik, Sátára and Dhárwár. The July rain was, however, sufficient to re-start sowings and enable the transplantation of rice and nágli to be completed. The fall in August was again deficient in these parts and also in the Konkan. September rains were most opportune for the standing kharif crops as well as for facilitating rabi sowings throughout the Presidency. The rain in October was below the average in the eastern parts of the Deccan and the Karnátak and very deficient in Gujarát. Late kharif crops, however, did not suffer thereby. The fall in November was general throughout the Deccan, Karnátak and Konkan districts. It did some damage to kharif crops in the Konkan, but elsewhere it was most useful for the young rabi crops. An unusually heavy fall in December injured the cotton in the Karnátak and North Deccan and also washed out some of the rabi crops. On the whole, the harvest of the year 1902-1903 gave a fairly good outturn.

Deccan.—A weak monsoon opened in the second week of June and kharif sowings were effected in the parts bordering on the Sahyádris. But the fall in the end of the month was insufficient for transplantation of rice and nágli, which were not completed until favourable rain fell in the end of July. The season

continued to be favourable till the middle of October. In the eastern talukas, the rain in June was insufficient for kharif sowings which were retarded till the end of July. The fall in the subsequent month was again scanty and germinated crops began to wither in places. But a good and wide-spread fall in September saved the surviving kharif crops and facilitated the preparation of land for rabi cultivation and induced further rabi sowings. Rain in October, though below normal except in parts of Khándesh and Sátára, was sufficient to revive the withering crops in the Desh and to complete rabi sowings. The fall in November was general and useful for late kharif crops and for the development of rabi crops which promised well. In December, however, untimely heavy rain injured the cotton crops in the North Deccan and some of the rabi crops.

Karnátak.—The heavy ante-monsoon showers were useful for the preparation of land. The monsoon commenced in time in June, though with scattered showers in Bijápur and parts of Dhárwár. The fall was not quite sufficient, and except in the Mallad sowings were postponed for want of heavy rain at the end of the month. The July fall was up to normal in the Mallad and Belgaum, but was insufficient in Bijápur and the eastern portion of Dhárwár for sown crops and for completing kharif sowings. August rain was deficient everywhere and standing crops suffered except in the Mallad portion and in a few talukas of Bijápur. Rabi sowings were retarded. The fall in September was again in defect of the average and standing crops further deteriorated except in parts of Dhárwár and Belgaum. Prospects, however, were changed with the fall in the Chitra in October which revived the standing kharif crops and induced rabi sowings. These were completed in November under favourable circumstances and young crops throve well. The rabi harvest would have been a bumper one, but for the unusually heavy rain in December. It damaged both kharif crops lying cut in the fields and standing rabi crops.

Gujarát.—The monsoon commenced in the second week of June except in North Gujarát, but stopped abruptly. Kharif sowings were retarded and in places where they were begun in anticipation, the seedlings withered. The southwest monsoon properly set in on the West Coast in the second week of July and reached as far as Broach. It helped transplantation of rice in Surat and kharif sowings in Southern Gujarát. The fall was of a cyclonic nature and insufficient for completing kharif sowings in the northern half. August passed off practically without rain till the 20th except in Surat and Broach, but the fall from the 20th onward saved the withering crops and enabled the completion of agricultural operations. A break was desirable for rabi sowings. September rain was generally in excess of the average and proved most useful for standing crops and for improving the rabi prospects. October and November rains were deficient, but the deficiency was made up by light to heavy showers in the middle of December.

Konkan.—The monsoon generally commenced in the beginning of the second week of June, and was just sufficient for sowing in the three southern districts, but not in Thána. July rain above average in Kánara and in parts of Ratnágiri; elsewhere it was deficient. It helped the completion of transplantation of rice except in North Thána. Light to fair showers with short breaks fell in the first three weeks of August, but the deficiency was made up by a continuous fall at the end of the month which facilitated resumption of transplantation and other operations retarded in places. September rain was above average throughout and very beneficial. The closing showers of October improved the late kharif crops. November rain was in excess of the average at a few stations in each district and of great value to the rabi crops.

Forecast of the Season, 1903-1904.

2. The prospects of the season of 1903-1904 are of a fairly good year. The southwest monsoon opened with light showers more or less local in character, but subsequent rains were generally favourable. A good outturn of kharif crops has been secured except in places where they have been damaged by locusts and the rabi crops promise a good harvest.

The Ante-monsoon rainfall fell in light to fairly heavy showers in Deccan and Konkan and in moderate showers in Karnátak. With this commenced the

sowing of early crops in parts and elsewhere preparation of lands for kharif cultivation. A slight cyclonic storm which preceded the south-west monsoon gave light rain during the first fortnight of June, and the monsoon current advancing in the wake of the storm gave heavy fall along the western coast as far north as Bombay. The current, however, continued to be weak though it gave moderate to heavy rain in the Konkan and showers more or less local in character in the Deccan. Subsequently it grew weaker and the rainfall lighter even in the Konkan. The fall was generally useful for sowings and for seedlings except in Gujarát, where it gave moderate showers only in places and was useful for partial sowings of kharif crops only in Surat and Panch Maháls. July rain was sufficient and well distributed throughout though excessive in parts of Gujarát, where in some places the sowing of kharif crops was retarded and in others the crops sown were washed away. In Karnátak heavy rain was still needed for kharif sowings except in the Mallad. August rain was general and sufficient for completion of kharif sowings and for standing crops except in Karnátak. September fall was generally sufficient and beneficial to standing crops. It was, however, excessively heavy in Ahmednagar and Sholápur and caused some damage there. Locusts appeared in Khándesh and in parts of the three northern districts in Gujarát and injured the standing crops. Except in Gujarát the fall in October was general and it was sufficient for standing kharif and for rabi seedlings and sowings. Locusts damaged standing crops in nearly the whole of Khándesh, six tálukas in Násik, the whole of Thána and three tálukas in Kolába and in all the districts of Gujarát. Except a few scattered showers in two districts of Deccan and three of Konkan and the whole of Karnátak, where it was generally in excess of the average, no rain fell during November. The fall was useful for standing kharif crops as well as for the development of rabi crops. More rain was still needed for rabi crops in all Deccan districts.

B.—AGRICULTURAL STATISTICS.

Return No. I.—Details of Area.

3. This return shows the gross area of the Presidency, inclusive of villages held on privileged tenures, but exclusive of feudatory or tributary States. In the Presidency Proper, the areas of the unsurveyed tracts which form one-tenth part of the total area are only roughly estimated.

In the Presidency Proper, the gross area returned showed a net increase of 11 square miles over the preceding year, the increase of $3\frac{1}{2}$ square miles in Khándesh being due to the introduction of the original settlement in 15 villages of Sháháda Táluka and of $6\frac{1}{2}$ square miles in Kolába chiefly to the revision survey of Mángaon Táluka.

In Sind the gross area returned decreased by $3\frac{3}{4}$ square miles chiefly owing to certain corrections in the record of alienated villages.

One hundred and nineteen villages (26 in Hyderabad and 93 in Thar and Párkar) were formed under the squared survey system on the Jámrao Canal District, but owing to the inclusion in Government villages of alienated portions of villages, which were formerly wrongly entered as separate villages, there is actually a net increase of 3 only.

Area of available statistics.—In the Presidency Proper, there is a net increase of 81 villages and 146,000 acres, the principal increases being of 36 villages in Khándesh, 8 in Belgaum, 17 in Thána and 31 in Ratnágiri. In the first two districts, this change is due to the introduction of a settlement in certain villages and in the last two it is due to certain villages having supplied statistics during the year for the first time.

Return No. II.—Cultivated and Uncultivated Area.

4. The appended table shows variations as compared with the previous year in the areas under sub-heads of cultivated and uncultivated land:—

Area in acres (000 omitted).

Details.	PRESIDENCY PROPER.			SIND.		
	1901-1902.	1902-1903.	Increase (+) or Decrease (-) per cent.	1901-1902.	1902-1903.	Increase (+) or Decrease (-) per cent.
A.—Cultivated area—						
Gross area cropped ...	23,403	24,374	+4.1	3,660	3,459	-5.5
Area cropped more than once.	612	636	+3.9	280	259	-7.5
Net area cropped ...	22,791	23,738	+4.2	3,380	3,200	-5.3
Current fallows ...	7,162	6,361	-11.2	4,667	4,994	+7.0
Assessed ...	29,897	30,042	+0.5	7,659	7,779	+1.6
Unassessed ...	56	56	...	388	336	-13.4
Total, A. ...	29,953	30,038	+0.5	8,047	8,115	+0.8
B.—Uncultivated area—						
Available for cultivation. { Assessed ...	1,013	983	-2.9	1,029	1,190	+15.6
Unassessed ...	426	429	+0.7	5,644	5,538	-1.9
Not available for cultivation. { Forest ...	7,187	7,215	+0.4	759	685	-9.7
Others ...	5,000	4,999	...	14,586	14,534	-0.4
Total, B. ...	13,626	13,626	...	22,018	21,947	-0.3
Grand Total ...	43,579	43,724	+0.3	30,065	30,062	...

In the Presidency Proper, the gross cropped area increased by over 4 per cent. It is still about 2 per cent. short of the normal area cropped before the famine years. The net cropped area rose by nearly the same percentage. In Sind both the gross and net cropped areas declined by $5\frac{1}{2}$ and $5\frac{1}{2}$ per cent., respectively, in consequence of the low inundation of the year, this decline being greatest in Sukkur and Larkana. The marginal table shows variations in the net cropped area in each district as compared with the previous year. The net cropped area in the Presidency Proper expanded in all districts except Kanara. The expansion took place in almost all districts except the Konkan and was due to the improvement in the rainfall in both seasons. The increase in Thar and Parkar is owing to the extension of cultivation on the

Area in acres (000 omitted).

District.	Net cropped area.	Current fallows.	Cultivated, i. e., occupied area.
A.—Presidency Proper.			
Ahmedabad ...	+50	-44	+6
Kaira ...	+27	-28	+1
Panch Mahals ...	+64	-61	+3
Broach ...	+60	-59	+1
Surat ...	+19	-14	+5
Khandesh ...	+88	-70	+17
Nasik ...	+146	-136	+10
Ahmednagar ...	+160	-140	+1
Poona ...	+48	-63	-5
Sholapur ...	+49	-60	-1
Satara ...	+8	-6	-3
Belgaum ...	+56	-46	+10
Bijapur ...	+130	-178	+2
Dharwar ...	+20	-20	.....
Thana ...	+11	+11	+28
Kolaba ...	+8	+22	+30
Ratnagiri ...	+21	+25	+45
Kanara ...	-3	+3	.....
B.—Sind.			
Karachi ...	+6	-13	-6
Hyderabad ...	-1	+40	+39
Sukkur ...	-127	+115	-13
Larkana ...	-106	+111	+4
Upper Sind Frontier ...	-21	+9	-11
Thar and Parkar ...	+70	-14	+55

Jamrao Canal.

The area cropped more than once increased by 24,700 acres or by 3.9 per cent. in the Presidency Proper, while in Sind it declined by 21,000 acres or 7½ per cent.

The following table summarises the distribution of fallows in the Presidency Proper under the six specified heads:—

Details of "Current fallow" (percentages).

Province.	Total fallow on occupied area.	DISTRIBUTION OF TOTAL FALLOW.						
		Fallow in rotation.	Grass land.	Grass bound land.	Rab land.	Land unsown on account of season.	Other fallow.	
Gujarát	{ 1902-1903	31.45	10.41	17.78	0.67	...	20.99	41.15
	{ 1901-1902	36.32	8.58	17.33	0.26	...	48.49	25.34
Deccan	{ 1902-1903	18.04	28.91	24.85	4.43	0.78	5.73	35.30
	{ 1901-1902	21.01	24.21	20.71	4.08	0.84	17.23	32.93
Karnátak	{ 1902-1903	13.24	13.11	27.87	14.77	...	8.93	35.32
	{ 1901-1902	15.80	9.80	22.73	12.35	...	27.03	28.09
Konkan	{ 1902-1903	48.44	37.21	19.76	4.87	26.90	0.71	10.55
	{ 1901-1902	47.83	34.63	18.89	4.55	30.08	0.45	11.40
Total	{ 1902-1903	21.13	23.95	22.91	5.35	5.21	10.50	32.08
	{ 1901-1902	23.91	19.96	20.04	4.71	4.95	23.14	27.19

Fallows continue to be more numerous than in the years preceding the famine, but except in the Konkan are being gradually curtailed from year to year. The total fallow area declined by over 11 per cent.

Uncultivated, i.e., unoccupied area.—The unoccupied assessed area in the Presidency Proper decreased by 30,000 acres.

Forest.—The area classed as forest increased in the Presidency Proper by 28,000 acres, while in Sind it was curtailed by 74,000 acres chiefly in Thar and Párkar.

Return No. III.—Crops.

5. The total increase of 4 per cent. in the area cropped in the Presidency Proper consisted of an increase in food crops from 18,866,000 to 19,740,000 acres or 4 per cent, and in non-food crops from 4,537,000 acres to 4,634,000 acres or 2 per cent.

	Acres.	Percentage of Increase.
Rabi jowári	607,000	15
Wheat	141,000	13
Gram	77,000	18
Other pulses	210,000	11
Oil-seeds	83,000	6
Cotton	53,000	2

The chief increases are noted in the margin.

In Sind the decrease of 5 per cent. took place in the area under wheat and paddy.

Jowári.—There was again a large increase under this crop amounting to over 650,000 acres in the Deccan, chiefly in Sholápur and Poona.

Bajri.—The area increased in Gujarát and North Deccan by 408,000 acres and decreased in Sholápur and Bijápur by 450,000 acres.

Wheat.—Increased in the Presidency Proper by 140,000 acres but decreased in Sind by 185,000. The total area is 15½ lákhs against an average for the five years ending 1896 of 23¾ lákhs.

Cereals.—On the whole showed an increase in the Presidency Proper of 594,000 acres against a decrease in Sind of 281,000 acres.

Pulses.—The acreage rose by 286,000 acres in the Presidency and fell by 23,000 acres in Sind. The chief increase has occurred in Kaira, Khándesh and Násik. In Kaira land ordinarily under paddy was placed under rabi crops, such as gram and wheat.

Tobacco.—The area under tobacco has decreased in Kaira, Khándesh and Sátára, but slightly increased in Ahmednagar and Sholápur. The total area is 77,000 acres against an average of 88,000.

Sugarcane.—Shows a slight improvement from 51,000 to 54,000 acres. It is still largely in defect of the average of 70,000 acres.

Oil-seeds.—There was an aggregate increase of 83,000 acres, chiefly in Bijápur, Sholápur, Ahmednagar and Ahmedabad. Sesamum increased by 8 per cent., safflower by 31 per cent., while linseed and groundnut fell by 14 and 38 per cent., respectively. The area under groundnut again declined being now about one-third of the area cultivated in 1895-96.

Cotton showed a total increase of 53,000 acres in the Presidency with considerable variations between districts. There is a large decrease in Khândesh, Ahmedabad and Broach and very much larger increase in Bijápur, Dhárwár and Belgaum; while in Sind the area increased from 127,000 acres to 192,000 or 50 per cent. almost entirely in Hyderabad and Thar and Párkar districts. The growth of cotton in Sind is likely to increase in importance.

6. Kharif and rabi Crops.—The following statement shows that the season was more favourable for the rabi cultivation of cereals, while both in the kharif and rabi season there was a great expansion of cultivation of pulses:—

Year.	AREA IN ACRES (000 omitted).			
	Kharif.		Rabi.	
	Cereals.	Pulses.	Cereals.	Pulses.
1901-1902	11,126	1,842	5,154	538
1902-1903	10,955	1,388	5,913	678
Variation	-171	+146	+765	+140

7. The subjoined table shows the distribution of the principal crops in each district of the Presidency.

Distribution of Crops—Percentages on District Areas.

No.	District.	FOOD CROPS.									NON-FOOD CROPS.			TOTAL.	
		Cereals.							Pulses.	Others.	Cotton.	Oil-seeds.	Others.	Food Crops.	Non-food Crops.
		Jowári.	Bajri.	Paddy.	Wheat.	Coarse Grains.	Others.	Total.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A.—PRESIDENCY PROPER.															
<i>I.—Gujarat.</i>															
1	Ahmedabad	21	21	1	23	8	2	71	6	1	14	7	1	78	22
2	Kaira	8	41	6	3	13	1	74	17	1	1	5	1	87	13
3	Panch Maháls	2	15	7	2	16	30	72	14	1	1	11	1	87	13
4	Broach	82	4	2	6	1	1	45	9	1	40	4	1	55	45
5	Surat	23	3	18	5	9	...	61	14	1	18	5	1	70	24
	Average ... { 1902-1903 ...	20	19	5	10	7	4	65	11	1	15	6	2	77	23
	... { 1901-1902 ...	20	17	7	6	11	3	64	6	1	20	7	2	71	29
<i>II.—Deccan.</i>															
6	Khândesh	17	23	...	3	1	...	44	12	...	36	7	1	56	44
7	Násik	5	49	3	7	7	...	71	15	1	2	10	1	87	13
8	Ahmednagar	29	41	...	5	2	...	77	12	...	4	8	1	89	11
9	Poona	85	36	4	3	3	...	81	11	1	...	6	1	93	7
10	Sho ápur	73	11	...	1	...	1	86	5	1	...	6	1	92	8
11	Sátára	32	29	3	2	7	1	74	18	1	1	4	2	83	17
	Average ... { 1902-1903 ...	31	31	1	4	3	...	70	12	1	9	7	1	83	17
	... { 1901-1902 ...	26	33	2	4	3	...	68	12	1	11	7	1	81	19
<i>III.—Karnátak.</i>															
12	Belgaum	38	12	7	5	7	1	70	13	1	9	3	4	84	16
13	Bijápur	51	15	...	4	2	...	73	7	...	15	6	...	79	21
14	Dharwár	29	...	7	12	8	...	58	11	1	25	4	8	68	32
	Average ... { 1902-1903 ...	41	9	4	7	5	...	66	10	1	16	5	2	77	23
	... { 1901-1902 ...	43	13	4	6	5	...	71	10	1	12	4	2	82	18
<i>IV.—Konkan.</i>															
15	Thána ... ..	...	...	87	...	19	...	86	7	2	...	4	1	95	5
16	Kolába ... ..	...	...	62	...	30	...	92	5	1	...	2	...	98	2
17	Ratnágiri ... ..	...	...	39	...	40	...	79	10	4	...	5	...	93	7
18	Kánara	1	...	78	...	2	...	81	3	9	...	...	7	93	7
	Average ... { 1902-1903 ...	...	...	64	...	22	...	80	6	3	...	8	2	95	5
	... { 1901-1902 ...	...	...	65	...	22	...	87	6	3	...	2	2	98	4
	Average A... { 1902-1903 ...	30	22	6	5	5	1	69	11	1	12	6	1	81	19
	... { 1901-1902 ...	29	24	6	5	5	1	70	10	1	12	6	1	81	19
B.—SIND.															
19	Karáchi	16	9	47	3	...	2	77	6	2	...	7	8	85	15
20	Hyderabad	11	36	20	7	...	...	74	1	10	...	11	3	76	24
21	Sukkur	41	5	16	18	...	...	80	9	1	1	5	2	92	8
22	Lárkána	27	2	32	11	...	...	72	15	1	...	11	1	88	12
23	Upper Sind Frontier	84	10	9	4	...	...	67	17	1	...	25	...	75	25
24	Thar and Párkar	3	45	18	12	...	...	78	3	...	12	7	...	81	19
	Average B... { 1902-1903 ...	19	22	23	9	...	...	73	8	1	5	11	2	82	18
	... { 1901-1902 ...	16	22	20	14	...	...	77	8	1	8	10	1	86	14
	Average for the Pre- { 1902-1903 ...	29	22	8	6	4	1	70	10	1	11	7	1	81	19
	sidency. { 1901-1902 ...	27	23	9	6	4	1	70	10	1	11	6	2	81	19

Outturn of Crops.

8. The following table gives the reported anna valuation of the outturn of the principal crops in each district. The valuation purports to conform to the standard of 12 annas as a normal crop. It has however been widely observed that the officers who frame the estimates seldom report any crop, however favourable the season may be, as exceeding the normal estimate of 12 annas :—

Approximate Anna Valuation of Principal Crops in each District, 1902-1903.

No.	District.	AVERAGE ANNA VALUATION.									
		Jowári	Bájrí.	Paddy.	Wheat	Kodra.	Rágl.	Vari.	Tur.	Gram.	Cotton.
<i>Gujarát.</i>											
1	Ahmedabad	5	8	7	13	6	4	7	2	9	10
2	Kaira	10	10	7	11	8	7	6	12	8	8
3	Panch Maháls	*12	12	5	8	9	7	...	7	8	8
4	Broach	11	12	6	12	9	12	13	8	8	10
5	Surat	12	13	8	14	11	10	...	10	...	11
<i>Deccan.</i>											
6	Khándesh	12	11	5	9	3	9	11	8	10	11
7	Násik	9	13	10	12	...	12	11	5	10	7
8	Ahmednagar	10	7	5	9	5	3	5	6	8	7
9	Poona	10	8	10	8	6	10	9	4	7	7
10	Sholápur	12	5	3	7	...	...	2	3	6	2
11	Sátára	10	9	9	8	8	10	10	3	8	4
<i>Karnátak.</i>											
12	Felgaum... ..	9	8	10	6	6	9	9	5	5	6
13	Bijápur... ..	6	5	3	6	3	4	4	1	3	4
14	Dhárwár	10	5	9	6	6	7	7	2	3	8
<i>Konkan.</i>											
15	Thána	10	10	10	12	10	9	8	10	9	...
16	Kolába ... ..	...	...	11	...	8	8	8	8	8	...
17	Ratnagiri ... ..	...	...	10	...	8	9	8	8	9	...
18	Kánara ... ..	...	...	10	...	...	8	...	...	6	...
<i>Sind.</i>											
19	Karáchi... ..	7	8	4	6	...	6	6	...	3	1
20	Hyderabad	8	8	5	8	...	...	...	...	6	7
21	Sukkur	7	7	5	6	...	...	...	...	5	7
22	Larkána	7	6	9	8	...	...	...	...	6	6
23	Upper Sind Frontier	7	8	8	7	...	9	10	...	4	8
24	Thar and Párkar	10	5	9	10	...	...	...	...	...	8

* Maize.

9. The subjoined table gives an estimate for each district of the percentage outturn of the kharif and rabi crops and the percentage on the average yield of an average area of the produce of all crops taken together :—

District.	Percentage of matured area to average cultivated area.			Percentage of reported anna estimates of outturn to average outturn.		
	Kharif, 1902.	Rabi, 1903.	Total, kharif and rabi.	Kharif, 1902.	Rabi, 1903.	Total, kharif and rabi.
<i>Gujarát.</i>						
Ahmedabad	97.4	156.6	110.7	81.8	183.1	106.8
Kaira... ..	86.9	106.6	88.8	76.7	93.7	78.5
Panch Maháls	76.6	49.5	71.1	102.1	41.8	87.4
Broach	96.3	99.2	97.6	121.6	120.1	120.9
Surat	99.3	72.3	94.6	107.9	76.6	102.4
<i>Deccan.</i>						
Khándesh	111.8	43.5	102.9	120.5	43.8	110.7
Násik	120.5	57.4	101.8	117.3	54.8	99.2
Ahmednagar	132.2	72.1	99.4	128.7	89.3	107.6
Poona	106.2	80.7	94.1	101.8	92.6	97.4
Sholápur	70.1	117.2	105.6	70.3	165.6	148.9
Sátára	105.0	97.0	102.9	114.7	111.1	113.7

District.	Percentage of matured area to average cultivated area.			Percentage of reported anna estimates of outturn to average outturn.		
	Kharif, 1902.	Rabi, 1903.	Total, kharif and rabi.	Kharif, 1902.	Rabi, 1903.	Total, kharif and rabi.
<i>Karnatak.</i>						
Belgaum	108.5	78.4	96.9	87.9	47.7	72.7
Bijápúr	119.0	96.7	104.4	74.4	77.5	76.6
Dhárwár	98.5	102.6	100.5	104.9	81.9	92.9
<i>Konkan.</i>						
Thána	103.4	42.4	98.8	91.6	44.1	88.5
Kolába	101.5	66.8	99.1	89.1	57.8	87.5
Ratnágiri	111.4	156.7	114.8	97.0	155.5	102.9
Kánara	100.8	98.2	100.4	85.5	77.7	84.2

In Kaira, Belgaum and Bijápúr the outturn was about three-fourths of the normal. In Gujarát the rice crop was poor; in the Deccan tur, and in the Karnatak gram were also unsatisfactory. The year was, however, on the whole very far superior to the previous year.

10. *Fruit trees.*—In the Presidency proper, unlike last year, the number of mango and jack trees increased by 2 per cent. each, while tamarind, cocoanut and toddy and date palms decreased. In Sind many mango and date palms were destroyed. The enumeration of trees is to be taken as a rough estimate only. It is, however, valuable as serving to show the distribution of important trees. It excludes trees in forest and village sites.

Number of fruit trees.

(000 omitted.)

No.	Province.	Mango.	Tamarind.	Jack.	Cocoanut.	Toddy-palm.	Date-palm.
1	Gujarát	470	106	5	12	228	459
2	Deccan	908	74	13	9	3	172
3	Karnatak	389	113	23	76	...	194
4	Konkan	559	48	179	1,835	70	13
Total for the Presi- dency.		{ 1902-1903... 2,326	{ 1901-1902... 341	220	1,932	301	1,638
		2,273	348	216	1,940	315	1,683
		+53	-7	+4	-8	-14	-45
Sind		{ 1902-1903... 210	...	...	1	...	158
		{ 1901-1902... 218	...	...	2	...	164
		-8	...	...	-1	...	-6
Grand Total		{ 1902-1903... 2,536	{ 1901-1902... 341	220	1,933	301	1,796
		2,491	348	216	1,942	315	1,847
		+45	-7	+4	-9	-14	-51

Trees of special local importance for 1902-1903.

Trees and Districts.	Number of trees.	Trees and Districts.	Number of trees.
<i>1.—Mowra (Bassia latifolia).</i>		<i>2.—Betelnut (Areca catechu).</i>	
Kaira	126,745	Kánara... ..	9,043,490
Panch Maháls	121,956	Ratnágiri	176,168
Khándesh	49,616	Dhárwár	83,107
Násik	15,268	Kolába... ..	44,075
Surat	1,996	Thána	5,330
Broach	1,983		

Trees and Districts.		Number of trees.	Trees and Districts.		Number of trees.
3.— <i>Ráyan (Mimusops hexandra)</i> .			5.— <i>Fig (Ficus carica)</i> —contd.		
Kaira ... ..	...	67,719	Násik ... ..	...	396
Panch Maháls ... ..	...	4,236	Lárkhána ... ..	...	291
Broach ... ..	...	2,826	Ahmedabad ... ..	...	165
4.— <i>Keshewnut (Anacardium occidentale)</i> .			6.— <i>Vine (Vitis Vinifera)</i> .		
Kánara ... ..	...	101,093	Násik ... ..	...	89,790
Ratnágiri ... ..	...	23,161	Sukkur ... ..	...	21,417
Thána ... ..	...	1,595	Ahmednagar ... ..	...	4,700
5.— <i>Fig (Ficus carica)</i> .			Poona ... ..	...	2,790
Poona ... ..	...	50,974	Lárkhána ... ..	...	1,197
Ahmednagar ... ..	...	1,325	U. S. Frontier ... ..	...	692
Sukkur ... ..	...	1,105	Karáchi ... ..	...	280
Hyderabad ... ..	...	546	Hyderabad ... ..	...	267
			Sátára ... ..	...	200
			Khándesh ... ..	...	145
			Thar and Párkar ... ..	...	140

Return No. IV.—Irrigation.

11. In the Presidency proper the net irrigated area of the year under report amounted to 2·9 per cent. of the net cropped area against 3·4 per cent. of the previous year. In Sind the proportion went down from 86·8 to 83·5 per cent. The variations under the principal sub-heads are shown below :—

Irrigated area.

No.	Details.	PRESIDENCY PROPER.			SIND.		
		Area (000 omitted).		Increase (+) or decrease (—) per cent.	Area (000 omitted).		Increase (+) or decrease (—) per cent.
		1901-1902.	1902-1903.		1901-1902.	1902-1903.	
<i>A.—Area Irrigated.</i>							
1	Irrigated from Government Canals	119	105	—11·7	1,930	1,871	—3·1
2	Irrigated from Private Canals	6	7	+16·6	793	639	—19·4
3	Irrigated from Wells	466	416	—10·7	20	41	+105·0
4	Do. Tanks	90	104	+15·6	...	...	...
5	Do. other sources.	92	78	—15·2	194	121	—37·6
Total, A.—Area Irrigated.		773	710	—8·2	2,937	2,672	—9·0
<i>B.—Crops Irrigated.</i>							
6	Rice	131	136	+3·8	937	787	—16·0
7	Wheat	138	143	+3·5	415	293	—29·4
8	Sugarcane	50	52	+4·0	3	3	...
9	Other Crops	559	467	—16·5	1,858	1,836	—1·2
Total, B.—Crops Irrigated.		878	798	—9·1	3,213	2,919	—9·2

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

The variations under canals and tanks and wells are exhibited in the following table.

District.	Area in Acres (000 omitted).			
	Canals.	Wells.	Tanks and other sources.	Net variation.
<i>A.—Presidency Proper.</i>				
Ahmedabad... ..	+1	+3	+6	+10
Kaira ... ..	...	+1	+2	+3
Panch Maháls ... ..	...	+1	...	+1
Broach ... ..	...	...	...	...
Surat ... ..	...	-1	+7	+6
Khándesh ... ..	...	-3	...	-3
Násik	+1	-6	-5	-10
Ahmednagar	+2	-6	...	-4
Poona	-10	-9	+1	-18
Sholápur	-6	-17	-7	-30
Sátára	-1	-7	-4	-12
Belgaum	-1	-2	+1	-2
Bijápur ... ..	...	-3	...	-3
Dhárwár	+1	-1	-2	-2
Thána ... ..	...	...	+1	+1
Kolába ... ..	...	...	...	...
Ratnágiri ... ..	...	+1	...	+1
Kánara ... ..	...	...	...	...
<i>B.—Sind.</i>				
Karáchi	-59	...	-10	-69
Hyderabad	-25	+6	-18	-37
Sukkur	-63	+11	+9	-43
Lárkhána	-124	+4	-31	-151
Upper Sind Frontier ... ..	...	...	-22	-22
Thar and Párkar	+58	...	...	+58

The decrease in irrigation from canals in Poona and Sholápur was due to the heavy rains that fell late in the year. Elsewhere the variations were insignificant. These late rains also caused a large decline in irrigation from wells which occurred everywhere except in Gujarát, Ratnágiri and Sind. Gujarát and Sind were not visited by winter rains. The variations in irrigation from tanks and other sources were due in Gujarát to the unusual demand for such irrigation and in the Deccan to the unusual supply of water in the tanks owing to late rains. The decrease of 80,000 acres in the area under irrigated crops occurred chiefly under cereals and other pulses. The area irrigated is the smallest since 1885-86. In Sind the low inundation occasioned recourse on a considerable scale to wells.

Return No. V.—Agricultural Stock.

12. This return has now been made quinquennial.

Return No. VI.—Water Supply.

13. The sub-joined table compares the figures for two years 1901-02 and 1902-03.

No.	Wells, tanks and other sources.	1901-1902.		1902-1903.		Increase.		Decrease.	
		Pakka.	Kacha.	Pakka.	Kacha.	Pakka.	Kacha.	Pakka.	Kacha.
1	Wells for irrigation	144,152	94,765	146,865	93,179	2,713	...	...	1,586
2	Other wells (exclusive of those in disuse)	94,145	45,636	96,018	42,636	1,973	...	...	3,000
3	Tanks for irrigation	846	12,199	877	12,370	31	171	...	...
4	Other tanks (exclusive of those in disuse)	1,894	18,484	2,078	19,025	124	541	...	...
5	Other sources for irrigation.	641	9,743	681	9,337	40	...	...	411
6	Other sources (exclusive of those in disuse)	6,352	8,156	5,833	9,083	...	927	514	...

Wells for irrigation.—The distribution of increase or decrease under these

District.	Pakka.	Kacha.
Ahmedabad	+558	+226
Kaira... ..	+109	—187
Panch Maháls	—2	—100
Broach	—5	—2
Surat... ..	+76	—39
Khándesh	+1,058	—872
Násik... ..	+296	—194
Ahmednagar... ..	—470	—455
Poona	+93	+41
Sholápur	+44	—437
Satára	—25	—64
Belgaum	—17	+286
Bijápur	—98	—135
Dhárwár	+20	+59
Thána	+120	+57
Kolába	+5	+13
Ratnágiri	+7	—69
Kánara	+24	+286
Total	+2,713	—1,586

is shown in the marginal table. A considerable increase of wells has taken place in Ahmedabad and Kaira as a result of the large grants of takávi loans in those districts. In Khándesh and Násik wells in disuse are reported to have been repaired and reconstructed. The occurrence of heavy winter rains caused the abandonment of kacha wells in parts of the Deccan.

Wells, tanks and other sources (other than those for irrigation and exclusive of those in disuse).—The increase of pakka wells other than those for irrigation is also satisfactory.

C.—PRICES.

14. The prices of food-grains which have been gradually falling since the famine finally reached their normal level everywhere in 1902-03.

Jowári and bájri which in the previous year sold for an average of 12 to 13 seers per rupee in the Deccan and 15 to 17 seers in Gujarát now sold both in the Deccan and Gujarát for 17 to 19 seers.

Wheat, gram and tur pulse were similarly reduced in price by the favourable rabi season.

Rice remained at about the same level as in the previous year.

The price of jagri or gul fell from the high rate of 5 seers to the rupee to about 7 seers. In Poona and Satára, the principal districts concerned, the area under sugarcane expanded by 11 and 12 per cent. respectively, and the rate fell to over 8 seers per rupee.

It is difficult to secure a general return in regard to cotton the price of which varies so greatly with the quality, but it appears that an increased out-turn combined with a diminished demand from Japan and China decreased the average price.

The price of tobacco which fell greatly last year continued to decrease and reached the lowest figure on record. The causes of this decline are being investigated.

STATISTICS
RAINFALL.

EXPLANATORY REMARKS.

Rain Periods and their Dates.

Early Rains ... ..						...1st January—10th April.
Ante-Monsoon—						
11th April to 4th June...	{	Ashvini ...	...	...	...	...11th April—24th April.
		Bharani ...	...	...	...	...25th April—8th May.
		Krittika ...	...	...	...	...9th May—22nd May.
		Rohini ...	...	...	...	...23rd May—4th June.
Monsoon-Kharif—						
5th June to 14th August.	{	Mrig ...	...	...	...	...5th June—19th June.
		A'rdra ...	...	...	...	...20th June—3rd July.
		Punarvasu ...	...	...	...	...4th July—17th July.
		Pushya ...	...	...	...	...18th July—31st July.
		Ashlesha ...	...	...	...	...1st August—14th August.
Monsoon-Rabi—						
15th August to 21st Oct.	{	Magha ...	...	...	...	...15th August—27th August.
		Purva ...	...	...	...	...28th August—10th September.
		Uttara ...	...	...	...	...11th September—24th September.
		Hast ...	...	...	...	...25th September—7th October.
		Chitra ...	...	...	...	...8th October—21st October.
Late Rains—						
22nd Oct. to 30th Nov. ...	{	Sváti ...	...	...	...	...22nd October—3rd November.
		Vishákha ...	...	...	...	...4th November—17th November.
		Anurádha ...	...	...	...	...18th November—30th November.
December.						

The average given in the tables is that for eleven years ending 1902. The rainy days are compared with last year only.

The anna valuation given in the remarks is on the basis of 12 annas representing an average crop.

Synopsis of Rainfall Summary for 1902-1903.

District.	KHARIF.		RABI.		General Remarks as to rain.
	Rain.	Harvest.	Rain.	Harvest.	
West Khándesh ...	Rather late for sowing; sufficient and seasonable afterwards.	Fair to good ...	Sufficient and timely.	Fair to good ...	Generally in defect of the average.
East Khándesh ...	Do. do.	Do. ...	Do. do.	Do. ...	Under average except at Bhadgaon and Edulabad.
Násik ...	Scanty for sowing; sufficient afterwards.	Do. ...	Sufficient and timely. December rain prejudicial.	Do. ...	Below average except at Násik, Malegaon, Yeola and Chándor.
Ahmednagar ...	Insufficient for sowing; seasonable afterwards.	Do. ...	Do. do.	Do. ...	In nearly half the number of stations above the average; elsewhere up to or below it.
Poona ...	Sufficient in the west. In the east very deficient till the end of August. Good afterwards.	Do. ...	Do. do.	Do. ...	In defect of the average except at Vadgaon in Mával and Indápur in Desh.
Sholápur ...	Deficient till the middle of August; sufficient afterwards.	Poor on the whole.	Sufficient and timely. December rain injurious.	Do. ...	Above the average except at Máulha and Paudhar-pur.
Satára ...	Sufficient in the west; deficient in the east till the end of August.	Fair to good ...	Do. do.	Do. ...	Except at two stations in the east in defect of the average.
Belgaum ...	Rain at sowing sufficient but subsequently deficient till October; good afterwards.	Do. ...	Do. do.	Do. ...	Equal to or above the average except at Chandgad and Chikodi.
Bijápur ...	Deficient till the middle of August; good afterwards.	Poor in the three northern tálu-kas; fair elsewhere.	Do. do.	Do. ...	Generally in defect of the average except at Badámi where above it.
Dhárwár ...	Sufficient and generally seasonable.	Fair to good ...	Do. do.	Do. ...	Above the average except at Hubli, Navalgund and Nargund.
Kánara ...	Good and sufficient ...	Do. ...	Good and sufficient. December rain injurious.	Do. ...	Much in excess of the average except at Supa and Yellápur.
Ratnágiri ...	Scarcely sufficient at sowing but favourable afterwards.	Do. ...	Good and sufficient ...	Do. ...	Above the average at Ratnágiri, Vengurla, Málván and Devgad; elsewhere below it.
Kolába ...	Sufficient and seasonable.	Good ...	Good and sufficient. December rain injurious.	Do. ...	Much below average.
Thána ...	Rain at sowing insufficient; afterwards seasonable.	Fair to good ...	Do. do.	Do. ...	In defect of the average except at Váda, Dáhuán and Umbergaon.
Surat ...	Scant for sowing; sufficient afterwards.	Good ...	Sufficient and seasonable.	Good ...	In excess of the average except at Mándvi and Bardoli.
Eroach ...	Late for sowing; sufficient afterwards.	Do. ...	Sufficient and seasonable. December rain injurious to cotton.	Do. ...	Above the average except in Á'mod and Jambusar.
Kaira ...	Do. do.	Fair except for rice.	Sufficient and seasonable.	Fair ...	Equal to or in excess of the average at Kaira, Mehmedabad, Má'ar and Kapadvanj; elsewhere in defect of it.
Panch Maháls ...	Scant for sowing but sufficient afterwards.	Good except for rice.	Sufficient; late rains absent.	Poor ...	Above the average at Dohad and Jhalod; elsewhere below it.
Ahmedabad ...	Do. do.	Fair except for rice which failed.	Do. do.	Fair ...	In defect of the average except in Sanand, Dholka and Gogha.

West Kha'ndesh, 1902.

Rain Periods.	Dhulia.		Pimpalner.		Nandurbár.		Navápur.		Taloda.		Sháháda.		Shirpur.		Sindkheda.		Amalner.		Táda.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
Early Rains ...	In. 0.63	1	In. 1.89	2	In. 1.54	2	In. 1.57	2	In. 0.44	2	In. 1.25	2	In. 0.60	1	In. 1.11	2	In. 0.75	1	In. 0.60	1
Ante-Monsoon ...	...	...	...	...	...	...	...	...	...	...	0.05	...	0.09	...	...	...	0.12	1	...	...
Monsoon-Kharif ...	9.48	13	10.30	16	11.19	16	16.29	21	11.78	16	9.00	10	6.93	11	4.64	11	6.80	14	12.78	11
Monsoon-Rabi ...	9.76	21	9.59	17	5.15	17	23.60	23	9.53	23	8.68	19	13.27	20	17.19	21	13.95	20	14.31	11
Late Rains ...	2.04	7	1.25	5	1.04	4	0.79	2	1.77	5	0.94	3	1.84	6	1.67	4	1.47	5	4.00	...
Total ...	21.91	43	23.19	40	18.92	39	42.25	48	23.52	46	19.02	34	22.12	33	24.61	38	23.18	41	31.22	...
Average ...	22.40	31	20.82	31	24.73	33	45.81	52	23.59	43	24.37	42	23.60	40	22.03	37	23.06	41	23.06	...

General characteristics.—A hilly and rugged tract, except where the wide black-soil plains extend on either side of the Tápti and its tributaries. Rainfall very heavy in the Dángs.

Remarks.—Total fall of the year generally in defect of the average. The deficit was most marked at Nandurbár, Taloda and Sháháda. The monsoon commenced in the second week of June, but rainfall not sufficient for general sowing till the end of the month. July fall was sufficient for general kharif sowings and for growth of seedlings except in Sháháda and Sindkheda, where sowings were retarded and sown crops began to wither for want of rain. In August there was a long break till the 20th and germinated crops had begun to wither in parts. Rain in the Magha period towards the end of August was most opportune and revived the withering crops. Kharif crops thrived well under favourable rain in September. In October the fall exceeded the average and was sufficient and seasonable for the sowing of rabi crops. Locusts, however, subsequently appeared in Sindkheda, Amalner, Shirpur and Dhulia causing damage to jowári crop. The fall in the beginning of November was useful for completing rabi sowings, though injurious to jowári ready for harvest. December showers improved the prospects of rabi crops. Season on the whole was fair to good. Jowári yielded 10 annas, bájri 11 annas and cotton 10 annas.

East Kha'ndesh, 1902.

Rain Periods.	Chálish-gaon.		Páchora.		Bhad-gaon.		Eraudol.		Chopda.		Jalgaon.		Jámner.		Dhusával.		Edalábad.		Yával.		Ráter.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
Early Rains...	In. 0.25	1	In. 0.68	1	In. 1.54	2	In. 0.30	1	In. 1.05	1	In. 0.25	1	In. 0.64	1	In. 0.51	2	In. 1.09	2	In. 0.31	1	In. 0.18	1
Ante-Monsoon ...	...	...	0.65	1	...	...	...	...	1.43	1	...	...	...	...	1.09	2	...	...	1.25	3	...	...
Monsoon-Kharif ...	9.98	14	8.18	12	10.41	16	10.43	20	7.40	10	10.67	16	10.06	17	8.12	15	8.18	11	11.01	16	7.43	11
Monsoon-Rabi ...	11.79	19	9.72	18	18.02	22	8.42	16	8.00	15	8.75	16	7.34	17	9.73	17	11.05	14	8.16	21	7.84	17
Late Rains ...	4.34	10	4.11	10	3.21	9	2.66	8	2.24	5	4.55	9	5.38	10	2.49	7	4.59	9	2.99	7	3.90	7
Total ...	26.36	44	23.54	42	33.18	49	21.81	45	20.12	32	24.23	42	23.42	45	21.94	43	24.89	36	23.72	47	19.35	36
Average ...	29.26	50	30.57	48	31.28	57	28.79	43	24.70	43	28.92	44	28.60	53	26.44	52	24.85	45	27.02	63	24.26	35

General characteristics.—In the north, high hills of the Sátpradá. The southern and western portions are also hilly, but the hills less high and continuous. Drainage by the Tápti, the Girna and the Purna. Rainfall larger than in the West Khándesh, but less certain.

Remarks.—Except at Bhadgaon and Edalábad the total fall of the year was below average. Monsoon opened with light showers in the second week of June, but the fall was not sufficient for general kharif sowings until the last week. Sowings, except of bájri, were almost completed under favourable rain by the end of July. Fall in August though late was up to requirements and helped the completion of bájri sowing. The other kharif crops flourished well. September rain was sufficient and useful for maturing kharif crops, though more rain required in places at end of month. Rabi sowing was completed under good rain in Swati at the end of October. Locusts appeared in Chopda and caused slight injury to crops especially jowári. November rain proved somewhat injurious to jowári ready for harvest, as in West Khándesh, and to cotton in bolls, but was very useful for other kharif crops and for completing rabi sowings. December rain was rather untimely. Season on the whole fair to good. Outturn of bájri 11 annas, wheat 10 annas, gram 10 annas and other crops 6 to 10 annas.

Nasik, 1902.

Rain Periods.	NÁSİK.		IGAT-PUBL.		SINNAR.		NIPHAD.		YEOLA.		NÁND-GAON.		MÁLE-GAON.		SATANA.		KALVAN.		CHÁN-DOR.		DINDORI.		PEINT.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	0.25	1	0.20	1	0.54	1	0.42	1	0.11	1	0.37	2	0.74	1	0.42	1	0.73	2	0.56	2	1.20	3	0.07	...
Ante-Monsoon ...	0.04	...	0.13	1	2.15	2	1.93	3	0.41	1	0.04	...	0.04	...	...	...	0.05	...	1.87	...	...	...	...	...
Monsoon-Kharif ...	13.33	18	50.20	44	8.13	13	8.51	15	11.63	14	11.98	16	8.39	11	5.87	11	6.09	20	6.41	13	13.17	21	39.13	34
Monsoon-Rabi ...	12.61	17	50.01	36	4.82	10	6.16	17	6.00	17	7.81	19	3.55	19	8.88	16	6.05	20	12.03	22	12.05	23	34.47	29
Late Rains ...	4.07	7	8.83	7	3.70	10	2.27	4	2.71	8	2.88	7	4.00	8	1.94	6	3.01	9	2.91	7	3.21	8	3.01	6
Total ...	30.30	43	113.37	89	19.34	36	17.29	40	22.80	41	22.84	43	21.72	38	17.11	34	16.80	51	31.08	46	29.03	64	77.07	73
Average ...	29.19	42	133.42	99	23.79	40	22.97	35	22.84	34	33.05	32	20.86	81	19.80	29	25.30	41	21.93	32	31.03	63	86.93	68

General characteristics.—The district is divisible into the Desh (or open country) and the Dángs (near the Sahyádris with heavy rainfall and primitive cultivation). The west portions of Násik, Dindori and Igatpuri and the whole of Peint belong to the Dángs.

Remarks.—Aggregate fall of the year exceeded the average slightly only at Násik and Mále-gaon, up to average at Yeola and Chándor; elsewhere much in defect. Monsoon opened in the 2nd week of June but the fall of the month was insufficient for general kharif sowings. Sowing of bájri and other kharif crops resumed with the fall in the last week of the month. July rain was up to requirements and kharif sowings almost completed in the central and eastern talukas. In the western portion transplantation of rice and nágli was also completed. There was a prolonged break in August till the 20th especially in the central and eastern parts and the germinated kharif crops had commenced to wither. But the timely rain in Magha and Purva periods improved the situation. September rain was sufficient, except in parts of Sinnar, and useful for standing kharif crops and for preparation of land for rabi cultivation. Slight damage to crops by rats in parts of Kalvan. October rain though sufficient for kharif crops except in parts of Kalvan, Dindori, Sinnar and Yeola was insufficient for general rabi sowings which were completed under favourable rain in November. The fall in November exceeded the average in 9 stations causing slight injury to bájri, til and kulith crops ready for reaping. Young rabi crops were slightly injured in places by locusts and other insects. December rain was rather heavy and in places injured kharif crops ready for harvest. Season on the whole fair to good. Bájri yielded 8 to 14 annas, cotton 4 to 10 annas and wheat and gram 4 to 12 annas.

Ahmednagar, 1902.

Rain Periods.	1 NAGAR.		2 PÁRNER.		3 SHRI-GONDA.		4 KARJAT.		5 JÁM-KHED.		6 SHEV-GAON.		7 NEVÁSA.		8 RÁHURI.		9 KOPAR-GAON.		10 SANGAM-NER.		11 AKOLA.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	0.17	1	0.23	1	0.04	...	0.19	1	...	...	0.32	2	0.23	...	0.13	1	0.56	2	0.02	...	0.09	...
Ante-Monsoon ...	0.43	1	0.71	2	...	...	0.33	2	0.93	3	0.45	1	0.08	...	0.11	...	0.01	...	1.13	2	2.10	...
Monsoon-Kharif ...	6.83	11	4.97	12	4.16	11	1.84	8	4.98	10	6.68	8	7.04	15	6.33	9	6.07	11	7.84	10	11.63	13
Monsoon-Rabi ...	19.05	15	17.49	15	6.79	8	4.87	13	14.70	21	10.78	20	7.43	17	6.23	12	7.34	18	6.68	10	4.87	12
Late Rains ...	8.46	7	8.64	6	7.10	13	6.06	10	10.03	11	6.60	11	4.72	10	4.99	11	2.61	7	8.24	9	5.06	13
Total ...	30.31	35	27.03	38	18.09	32	12.79	32	30.64	44	24.83	42	19.46	42	17.79	33	18.59	33	18.88	31	23.54	41
Average ...	22.68	32	24.29	35	18.48	30	19.84	31	20.15	46	20.38	43	22.16	82	20.45	34	19.61	31	18.86	29	22.10	37

General characteristics.—(1) Desh—Godávari valley (talukas 6 to 9): rich alluvial plains growing much wheat. Rainfall very uncertain. Bhima and Ghor valley (talukas 3 and 4) alluvial, but less fertile. Rainfall more capricious. Good year exceptional. Talukas 1, 2, 5 and 10 lie between these valleys. Alternation of bare hill and treeless plain with occasional fertile well-wooded tracts. Rain more regular. (2) Dángs—Half Akola has very heavy rain, half abuts on the Desh. The record shows the fall of the plain portion.

Remarks.—Total fall above the average at Nagar, Párner, Jámkhed, Sangamner and Akola; elsewhere up to or below it. The monsoon opened timely in June but the fall was insufficient for the start of general kharif sowings and for seedlings of Tusar or early crops. Kharif sowings were completed with the fall in July except bájri. The fall was however not sufficient and standing kharif crops began to wither in places. There was practically no rain till the 15th in August but the timely rain in the 3rd week though insufficient saved the crops to some extent. The fall of Purva and Uttara in September was heavy and continuous and made up the deficiency of rain at end of August improving the condition of standing kharif crops and induced rabi sowings. The fall of Chitra and Swáti in October though not quite sufficient was beneficial to standing kharif and useful for completing rabi sowings. November rain was generally sufficient and useful for the development of rabi crops which were thriving. So far the prospects of rabi crops were encouraging but the fall in December was rather heavy and in places injured both kharif crops ready for harvest and rabi crops. By this fall rabi jowári suffered in quality and other crops in outturn. Season on the whole fair to good. Kharif crops yielded from 4 to 12 annas, Tusar crops 4 to 10 annas and rabi crops 6 to 12 annas while cotton 4 to 9 annas.

POONA, 1902.

Rain Periods.	POONA.		PAUD.		VADGAON.		LONA'VA.		KHED.		GHODA.		JUNNAR.		SIRUR.		SA'SVAD.		BA'RAMATI.		DHOND.		INDA-PUR.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
Early Rains ...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...
Ante-Monsoon ...	2.34	2	1.06	4	2.21	2	0.30	1	3.26	4	2.18	4	0.68	2	0.45	2	1.12	3	2.17	4	0.30	2	0.17	1
Monsoon-Kharif ...	16.81	30	28.12	32	23.64	30	78.03	54	10.42	18	15.81	22	12.01	23	7.69	15	8.82	20	2.48	9	5.78	11	2.09	5
Monsoon-Rabi ...	8.15	18	16.13	23	13.75	24	64.69	42	6.23	15	6.21	17	7.28	20	7.96	10	7.14	11	7.85	8	3.45	11	10.35	17
Late Rains ...	3.72	9	3.11	8	4.53	9	5.75	11	1.97	6	2.19	7	2.64	9	4.53	8	5.33	11	6.00	9	5.17	11	10.88	12
Total ...	31.12	49	46.42	67	43.13	65	143.99	108	21.96	43	26.09	51	22.65	54	20.63	35	22.41	45	19.38	31	14.68	35	23.79	36
Average ...	31.92	56	59.33	80	42.64	72	188.56	100	25.73	52	28.46	59	30.13	56	21.70	29	22.54	41	23.26	33	19.66	38	20.21	35

General characteristics.—The district varies from a heavy certain rainfall to a most scant capricious one. Sure rain is enjoyed by the west portions of Junnar, Khed, Haveli and all of Mával. A moderate but regular rainfall characterizes the central belt, while the Bhimthadi and Indápur Tálukas are uncertain and irregular like the adjoining tálukas of Sholápur.

Remarks.—Annual rainfall of the year in defect of the average except at Vadgaon in the Mával and Indápur in the Desh where it was slightly in excess. The monsoon opened timely in the second week of June and in the Mával sowings were commenced in time; but their transplantation was retarded at the end of the month on account of insufficient rain. Fall in July was almost daily and sufficient for completing the transplantation. During the three subsequent months the crops flourished under favourable rain and promised a good harvest. But the untimely rain in December slightly damaged the crops lying cut in the fields. In the Desh the rain had been insufficient from the commencement for the kharif sowings. In July the fall was interrupted and was insufficient for completing kharif sowings which were retarded in the Baramati and Indápur tálukas and the germinated crops had commenced to wither. August was almost practically rainless and the standing crops further suffered. Fall in September was most opportune for the withering crops and for the sowing of Jowári. Rabi sowings were completed in October though more rain was still needed. The fall in November was above the average and beneficial for the development of young rabi crops. Jowári crop damaged by disease called "kara" in Bhimthadi and here rapeseed crop failed everywhere. December rain was rather untimely. Season on the whole fair to good. Rabi yielded from 6 to 12 annas and kharif from 4 to 12 annas.

Shola'pur, 1902.

Rain Periods.	SHOLA'PUR.		BA'RSI.		MA'DHA.		KARMA'LA.		PANDHARPUR.		SA'NGOLA.		MA'LSIRAS.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
Early Rains ...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...
Ante-Monsoon ...	1.12	2	0.54	3	0.38	1	1.55	4	0.74	1	0.23	1	0.67	2
Monsoon-Kharif ...	4.78	7	3.73	8	2.28	8	3.14	9	4.68	8	6.06	8	6.16	8
Monsoon-Rabi ...	15.94	14	18.63	19	12.57	18	8.68	16	9.94	17	10.29	15	6.91	14
Late Rains ...	8.19	11	7.95	12	9.72	12	12.14	12	7.23	13	10.49	13	10.39	11
Total ...	30.41	35	31.29	44	24.98	39	23.41	41	23.11	40	27.46	33	24.93	35
Average ...	25.98	38	28.01	49	26.22	45	28.84	32	24.98	35	23.15	36	22.49	34

General characteristics.—The isolated táluka of Bári is the richest, and has the surest rain; but the rainfall is scanty all over the district, and very capricious.

Remarks.—Rain below average at Mádhá and Pandharpur; elsewhere above it. The ante-monsoon showers were light. The fall in the usual kharif sowing season was insufficient and kharif sowings were not completed even late in July, and the seedlings of early crops were withering. The month closed with urgent need for rain. The fall in August was again below normal generally; but the fall in the third week was very useful for keeping the crops alive and rabi sowings were commenced in parts in 2 tálukas. September rain fully made up the deficiency and standing kharif crops much improved. It also induced rabi sowings everywhere. They were completed under favourable rain in the subsequent month and the seedlings were flourishing. November rain was up to requirements and beneficial for the development of rabi crops which were thriving everywhere. Rabi prospects were very good at the end of the month. But the heavy and untimely rain in December damaged the jowári crop in ear. Season on the whole was poor for kharif crops which suffered from blight in Karma'la and fair to good for rabi crops which were indifferent in Mádhá and Sholápur partly on account of blight and partly owing to excessive moisture. Rabi crops yielded 8 to 14 annas.

Sátara, 1902.

Rain Periods.	SÁTARA.		KORR-GAON.		WÁI.		KHAN-DÁLA.		MEDHA.		MAL-COLM-PETH.		PÁTAN.		KARÁD.		VA'LVA (ISLÁM-PUR).		SHIBÁLA.		DAHIVÁDI.		VADUJ.		VITA.		TÁS-GAON.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	0'05	...	1'25	1	0'17	1	...	...	...	...	...	...	...	1'51	1	0'14	1	0'05	...	0'33	2	0'60	1	1'02	1	0'50	3	
Ante-Monsoon ...	3'93	4	3'65	3	1'14	3	2'78	2	0'90	...	3'70	4	1'46	5	0'24	1	0'95	3	1'61	4	1'63	4	0'28	2	0'78	2		
Monsoon-Kharif...	19'12	29	12'07	27	10'92	21	7'59	18	30'78	36	13'65	69	8'44	34	12'67	23	10'35	19	16'70	22	6'36	13	7'18	13	6'79	19	8'65	14
Monsoon-Rabi ...	8'63	23	6'34	20	8'95	15	7'02	14	13'36	26	7'89	49	14'60	26	5'81	17	8'23	12	7'97	17	8'42	8	7'61	13	8'08	12	7'04	14
Late Rains ...	5'69	16	2'60	8	4'03	13	3'52	13	5'49	9	7'88	14	5'06	13	7'99	9	6'67	12	3'10	6	5'68	12	4'99	7	0'98	13	5'67	11
Total ...	37'45	73	25'01	69	25'21	63	21'10	47	59'51	72	22'42	125	55'56	79	28'22	50	23'68	45	28'47	48	22'39	39	21'71	38	21'74	47	23'07	43
Average ...	40'65	70	30'34	58	33'69	65	22'68	48	61'00	80	27'74	117	67'26	83	30'26	63	27'05	56	39'21	73	20'63	41	20'88	30	21'76	45	25'16	62

General characteristics.—Western Belt—Parts of Jávli, Pátan, Wái, Sátara and Válva, hilly. Regular and heavy rainfall. Central Belt—East portions of above and all Korregeon and Karád. Rich, well-watered valleys. Eastern Belt—The rest chiefly a waving plain and of poor land. Uncertain rainfall. But south portion of Tásgeon rich, well-wooded plains.

Remarks.—Aggregate fall of the year in defect of the average except at Dahivádi and Vaduj in the east. Rainfall in the beginning of the monsoon which commenced timely in June was good in the western tálukas and the crops flourished well till they were harvested. In the central and eastern parts however the fall was insufficient for general kharif sowings which were not completed till late in July and the seedlings were in need of rain at the end of the month. Fall in August below requirements and the standing crops were withering. September rain was again below normal and though not quite sufficient proved most useful for standing kharif crops withering at the end of the last month. It also induced rabi sowings in parts which were almost over under seasonable rain in October. November rain was beneficial for the development of rabi crops and the crops thrived well. Fall in the subsequent month was in places heavy and inopportune and slightly damaged rabi crops. Season on the whole fair to good. Estimated anna valuation of both kharif and rabi crops ranged between 6 and 12 annas.

Belgaum, 1902.

Rain Periods.	BEL-GAUM.		CHAND-GAD.		KHANÁ-PUR.		SAMP-GAON.		SAUN-DATTL.		MURGOD.		GOKÁK.		CHIKODI.		HUKBBL.		ATHNI.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	0'84	2	0'78	2	0'58	1	1'07	2	0'40	1	0'81	2	0'38	1	0'47	1	...	...	2'07	2
Ante-Monsoon ...	2'97	7	1'42	6	4'49	6	2'29	7	3'52	5	5'45	9	6'14	6	6'25	9	4'47	8	3'34	5
Monsoon-Kharif...	24'28	30	18'88	39	45'88	39	8'32	18	5'94	17	4'85	16	4'95	14	6'50	22	6'22	16	5'27	12
Monsoon-Rabi ...	12'08	26	23'66	37	14'60	26	8'16	16	8'94	16	7'02	16	9'17	12	6'49	16	7'13	16	11'68	12
Late Rains ...	11'69	16	7'94	13	12'26	11	9'31	14	8'15	13	8'20	12	9'39	12	7'41	9	8'70	10	9'12	9
Total ...	51'86	81	37'68	97	77'51	83	30'05	69	25'95	51	28'33	55	30'03	47	29'12	56	23'61	50	31'89	40
Average ...	61'88	92	107'49	109	71'13	94	29'81	56	23'23	49	34'41	49	25'66	40	32'26	59	26'13	46	23'02	39

General characteristics.—Near the Sahyádris the rain of the south-west monsoon is very constant and heavy (Belgaum and Khanápur). Further east, Chikodi, Gokák and Sampgaon, it is fitful. The eastern tálukas show a fitful fall, but this is supplemented by a scanty supply from the north-east monsoon (which comes generally in October and later).

Remarks.—Aggregate fall of the year equal to or above the average except at Chandgad and Chikodi where below it. The ante-monsoon showers in April and May were heavy and useful for sowing of paddy and for replenishing the water-supply. Regular monsoon broke in at the beginning of June and gave useful rain for sowing of kharif crops which were almost completed under favourable rain in July and crops thrived well. In the following month there was a long break till the 20th and the fall subsequently was insufficient. Standing crops began to wither and rabi sowings delayed. In September the situation did not improve and the month closed with urgent need for rain everywhere. Relief however came in October in the chitra period when the fall was most opportune for standing kharif crops and for general rabi sowings retarded for want of moisture. Rabi sowings were finished in November and the crops thrived well. Fall in the beginning of December was unusually heavy and untimely, damaging the cut grain and in places sweeping away the gathered crop. Cotton also suffered much. Season on the whole was a fair one and came as a great relief after recent years of scarcity. The estimated yield for kharif in the Mallad was from 8 to 12 annas while that of rabi 2 to 7 annas. In the east kharif outturn was 6 to 10 annas while that of rabi 4 to 8 annas. Cotton yielded 4 to 7 annas.

Bija'pur, 1902.

Rain Periods.	BIJÁPUR.		INDI.		SINDGI.		BÁGE-VÁDI.		MUDDER-BIHÁL.		BÁGAL-KOT.		BILGI.		BÁDÁMI.		HUNGUND.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	0.37	1	0.37	1	0.33	2	1.03	2	0.75	1	0.29	1	0.60	2	0.30	1	0.45	2
Ante-Monsoon...	2.59	6	0.49	1	0.60	2	1.12	2	2.08	5	2.39	4	5.97	5	3.63	6	1.54	7
Monsoon-Kharif ...	4.67	8	2.33	7	4.20	7	3.40	8	6.55	12	6.94	13	4.23	8	7.79	13	4.80	7
Monsoon-Rabi...	7.63	17	9.79	17	11.38	17	6.53	16	6.47	17	8.68	16	6.39	14	12.30	15	8.06	10
Late Rains ...	5.84	9	7.79	14	5.63	11	6.36	10	2.39	7	4.21	5	6.07	12	6.74	9	5.26	7
Total ...	21.18	41	21.27	40	22.13	38	19.06	38	18.54	42	22.39	39	23.16	41	30.66	44	20.16	43
Average ...	23.61	33	24.68	46	25.16	41	24.57	46	20.84	45	23.54	37	24.13	33	25.85	40	21.70	41

General characteristics.—This district receives its rain from both the south-west and the north-east monsoon. Hungund enjoys an even and generally sure rainfall. Bágalkot and Bádámi farewell as a rule. The rich plains of the Krishna and Don valleys are uncertain. The north talukas of Bijápur, Indi and Sindgi have capricious and light rainfall.

Remarks.—Total fall of the year 1 to 8 inches in defect of the average except at Bádámi where above it by 5 inches. The ante-monsoon showers fell in all talukas and the lands were ready in time. The monsoon set in in the beginning of June but the fall was insufficient. Rain at the end of the month was up to requirements and kharif sowings pushed on. They were however checked in July for want of rain especially in the northern talukas where tagávi advances had to be granted. Early crops where sown began to wither elsewhere. The first fortnight of August was almost rainless and the standing crops further deteriorated especially in Bágalkot and Hungund where the condition became worse. But with the subsequent fall much of the standing crops revived. It also induced cotton sowing and rabi sowing commenced in parts. Fall in September though below normal was sufficient for standing crops and rabi sowings pushed on. October rain was opportune throughout and was especially heavy in Muddebihál, Bágalkot and Bádámi. It helped completion of rabi sowings and assured an average rabi crop. The rain in the beginning of November was fairly general and where it was heavy it injured jowári and bájri crops ready for harvesting though it did good to cotton and rabi crops. Fall in December was heavy and untimely. It damaged both standing rabi crops and kharif crops reaped. Season on the whole fair. Kharif yield in northern talukas was very poor (1 to 3 annas); elsewhere from 2 to 8 annas. Rabi outturn yielded in the former 2 to 11 annas; in the latter from 2 to 9 annas. Cotton outturn was 3 to 7 annas.

Dhárwa'r, 1902.

Rain Periods.	DHÁR-WÁR.		HUBLI.		KAL-GHATGI.		BANKÁPUR.		HÁNGAL.		KOD.		RÁNE-BENNUR.		KARAJ-GL.		GADAG.		MUN-DARGI.		NAVAL-GUND.		NAR-GUND.		RON.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	1.27	3	0.08	..	1.70	2	0.22	1	1.20	3	0.94	1	0.33	1	0.41	2	0.81	3	0.65	1	1.22	2	1.42	3	1.10	2
Ante-Monsoon...	4.49	6	5.50	12	1.58	3	3.74	8	1.28	5	3.69	6	5.54	7	3.88	8	3.69	8	5.78	12	2.50	6	5.69	9	1.50	3
Monsoon-Kharif ...	11.98	28	7.81	24	16.38	31	9.04	27	19.02	30	13.22	26	7.09	18	10.63	26	5.75	13	8.71	11	3.68	13	2.70	6	4.18	11
Monsoon-Rabi...	7.59	18	6.09	14	13.34	29	12.14	23	9.00	21	9.50	24	6.97	12	8.34	16	10.40	18	13.37	15	8.36	16	7.71	13	11.04	16
Late Rains ...	13.15	14	8.68	12	9.20	14	10.08	9	9.70	12	11.22	17	9.67	15	8.14	18	9.99	11	5.53	7	6.47	11	4.67	8	14.15	8
Total ...	38.46	67	27.16	62	42.18	79	35.22	67	40.20	71	38.57	74	29.00	53	30.90	72	30.64	53	27.83	46	22.83	51	22.19	39	31.97	40
Average ...	34.11	79	29.12	67	36.92	79	28.83	51	36.84	58	28.97	63	24.14	55	30.10	67	24.95	46	19.30	35	24.26	40	26.23	34	23.89	36

General characteristics.—The district is composed of hilly tracts—the Mallád growing rice and hill grains (Hángal, Kalghatgi and Kod) and the black-soil plains growing cotton and wheat (Gadag, Ron, Navalgund and Hubli), or cotton but no wheat (Karajgi and Ránebennur). The Dhárwa'r and Bankápur talukas are partly Mallád. The soil of the Mallád is red and gravelly, but the rainfall is steady and comparatively heavy. It is more sure and seasonable the further to the west. The proverb says: "Good rain won't give a big crop, nor will bad rain bring famine." This is in comparison to the fertile black-soil plains, where with good seasonable rains the produce is very large, but where the fall is irregular and uncertain and where there is always risk of drought.

Remarks.—Fall of the year generally in excess of the average except Hubli in the Mallád and Navalgund and Nar-gund in the extreme east. Ante-monsoon showers were plentiful in all talukas and the lands were prepared in time. Monsoon commenced in time and gave sufficient rain for start of kharif sowings. They were completed under favourable circumstances in July and germinated crops did well. August rain however was insufficient and crops commenced to wither in places. Cotton and other rabi sowings were also retarded. Fall in September nowhere sufficient to make up the deficiency at the end of the last month. Standing kharif crops withering in places. Sowing of cotton however commenced but that of other crops retarded. Rain in the Chitra period in October was most opportune and standing kharif crops much benefitted. It facilitated rabi sowings which were completed under useful rain in November. Rabi seedlings thrive well and rabi prospects were encouraging at end of month. But the unusually heavy rain throughout the district in December was inopportune and it marred the prospects. It damaged standing rabi crops as well kharif crops lying cut in the fields for being harvested. Season on the whole was fair to good. Kharif outturn 9 to 10 annas and rabi 4 to 12 annas. Cotton estimated at 4 to 10 annas.

Ka'nara, 1902.

Rain Periods.	KA'BAWA'RA.		ANKOLA.		KUMTA.		HONA'VAR.		BHATKAL.		HALIYA'L.		SUPA.		YELLA'PUR.		MUNDGOD.		SIRSI.		SIDDA'PUR.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	...	...	...	...	0.09	...	...	...	...	...	1.45	4	1.28	4	0.70	2	0.52	2	0.43	1	0.24	2
Ante-Monsoon ...	2.66	2	3.36	4	6.10	4	2.73	6	4.00	7	0.79	2	1.00	4	1.83	4	2.39	7	3.48	5	2.00	4
Monsoon-Kharif...	98.19	54	107.76	55	106.62	58	95.64	56	103.62	52	21.01	37	40.03	44	63.24	40	24.67	33	64.95	40	71.29	45
Monsoon-Rabi ...	43.05	40	46.70	40	61.42	42	60.09	40	64.65	41	11.85	23	24.65	35	22.88	33	13.83	35	27.20	30	33.94	44
Late Rains ...	6.01	12	8.01	11	12.63	14	13.35	10	8.74	13	13.90	14	11.42	10	10.50	10	13.35	10	8.02	13	13.20	12
Total ...	149.91	108	165.83	110	166.76	118	171.71	112	181.67	113	40.00	65	63.42	103	98.64	106	64.66	98	104.06	103	126.67	104
Average ...	118.61	96	131.92	92	132.97	96	140.42	100.	156.00	105	40.74	94	62.56	114	89.33	113	46.11	87	100.93	97	116.41	103

General characteristics.—A hilly and thickly wooded district, divided into two parts by a broken and irregular range of hills. The lowland or coast tract has the heavier rainfall; in the upland the fall rapidly decreases with the distance from the Sahyádrí crest.

Remarks.—Total fall of the year much in excess of the average except at Supa and Yellápur where slightly in defect. The regular monsoon opened in the first week of June and the fall of the month was just sufficient for sowings. July rain was above the average and made up the deficiency of the last month. Transplantation of rice was almost completed at the end of the month and the standing crops were thriving. There was a long break in August till 20th in some of the inland talukas and some anxiety was felt for the crops. Relief however came with the fall from 20th to the end of the month which made up for the previous deficiency and the crops were in good condition. The crops prospered well under favourable rain in September and October. The Swati rain in the beginning of November was rather heavy. Then followed a favourable break and 2nd crops were sown. The unseasonable rain in December caused injury to crops in places at time of harvest. The season on the whole was normal. Rice yielded from 8 to 10 annas, ragi 8 annas except at Siddápur, where the yield was poor.

Ratna'giri, 1902.

Rain Periods.	RATNA'GIRI.		VENGURLA.		MA'LVAN.		DEVGAD.		RA'JA'PUR.		SANGA-MESHVAR.		CHIBLU'N.		GUHA'GAR.		KUND.		DÁPOLI.		MANDANGAD.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	...	...	...	...	...	...	...	...	0.45	1	...	...	...	...	...	...	...	...	...	...	...	...
Ante-Monsoon ...	0.07	...	1.35	2	1.98	3	0.68	3	5.22	2	...	...	1.34	1	...	...	0.23	1	...	...	70.03	40
Monsoon-Kharif...	56.61	43	61.23	47	71.43	42	55.49	40	68.58	47	65.00	47	69.93	43	57.16	45	63.17	47	70.03	40	71.70	46
Monsoon-Rabi ...	39.87	37	33.37	41	26.41	37	32.50	40	45.95	43	51.53	45	44.24	39	30.69	39	47.40	38	35.64	39	46.68	33
Late Rains ...	3.01	9	9.47	10	6.75	10	4.41	9	5.08	7	5.83	12	6.31	9	2.32	7	4.42	9	2.79	4	2.75	4
Total ...	98.56	89	125.42	100	106.57	92	93.08	90	125.23	100	122.36	104	121.62	96	90.16	91	115.27	95	103.66	91	121.39	63
Average ...	96.65	80	104.70	100	87.97	83	80.00	90	130.94	104	143.08	116	140.89	102	84.34	91	142.96	105	131.40	99	166.23	100

General characteristics.—The district is formed by a narrow belt of lowland; though hilly and rugged as a whole, the valleys are more open near the Sahyádris than towards the centre, and these again fall into nearly level plateaus towards the centre. The rainfall is abundant and regular, being considerably heavier inland than on the coast.

Remarks.—Annual fall above average at Ratnágiri, Vengurla, Málvan and Devgad; elsewhere below it. Monsoon opened with the 2nd week of June. Rain at the end of June and the beginning of July was insufficient for the late sowings and transplantation of early crops. Sowings and transplantations were satisfactorily completed under favourable rain in July and the crops were flourishing. The fall in the 1st fortnight of August was light and partial; but the subsequent fall was copious and the crops were in good condition. In September and October the fall was plentiful and the crops thrived well under favourable circumstances. Showers in the months of November and December were useful for rabi sowings. Locusts appeared in November but left the district without any injury. Season on the whole was fair to good. Rice yielded 8 to 10 annas and ragi 8 to 9 annas.

Kola'ba, 1902.

Rain Periods.	ALIBA'G.		PANVEL.		URAN.		KARJAT.		MA'THERBA'N.		KHA'LA'PUR.		P&N.		ROHA.		MANGAON.		MABAD.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
Early Rains ...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...
Ante-Monsoon ...	...	...	0'08	...	...	...	0'49	1	0'45	2	0'48	1	...	...	0'50	1	0'55	1	...	...
Monsoon-Kharif...	42'83	42	47'47	42	33'03	35	45'74	41	55'84	50	45'27	41	46'34	45	50'43	43	40'50	43	51'19	47
Monsoon-Rabi ...	36'33	30	48'18	34	46'53	31	50'43	33	76'16	38	58'43	32	50'23	35	49'66	32	49'33	39	40'00	35
Late Rains ...	1'11	5	2'91	7	0'70	3	3'37	5	3'62	6	2'07	6	3'63	8	2'72	5	4'54	7	1'90	4
Total ...	80'27	77	98'64	83	80'16	69	100'01	80	166'07	96	106'80	80	100'25	83	103'30	81	103'92	60	93'09	87
Average ...	88'78	80	114'93	93	90'17	85	135'64	94	207'87	104	129'29	98	117'19	88	124'40	99	130'80	101	134'56	102

General characteristics.—A rugged belt of country from 15 to 30 miles broad. Rainfall abundant and regular, being heaviest in parts towards the Sahyádris.

Remarks.—Total fall of the year much below average throughout the district. The monsoon commenced in the 1st week of June and sowings of rice, vari and nágli were completed. But rainfall was deficient for growth of seedlings and for rice transplantation at the end of the month. July rain though much in defect of the average was on the whole favourable and helped transplantation. Rain in the first three weeks of August was barely sufficient for the growth of the sown crops and transplantation was retarded in places. But the heavy fall at end of August made up the deficiency and transplantation completed throughout except in Máhád. Standing crops in good condition at end of month. September rain above the average throughout the district and sufficient for all standing crops. Fall in October though below the average was just sufficient and useful for late rice ready for harvest. Rain in November was useful for the sowing of 2nd crops. December rain however was untimely and damaged the harvested rice. Season on the whole was good. The outturn of rice was estimated at 10 to 12 annas and that of warkas 8 to 10 annas.

Thána, 1902.

Rain Periods.	THÁNA.		KALTA'N.		MURBA'D.		SHA'NA'PUR.		MORBA'DA.		BRIWADI.		BASSEIN.		VÁDA.		MÁ'HIM.		DÁ'HANU.		UMBARGAON.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
Early Rains ...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...	In.	...
Ante-Monsoon ...	...	...	...	...	0'32	1	0'65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monsoon-Kharif...	32'97	41	39'20	38	39'70	37	49'55	42	46'80	40	35'79	34	21'78	31	43'23	41	19'96	30	32'43	29	25'53	30
Monsoon-Rabi ...	45'76	39	43'32	32	39'53	32	47'58	34	40'20	36	46'82	35	41'71	31	57'64	35	41'06	31	58'12	29	45'42	25
Late Rains ...	2'44	5	2'30	5	1'67	6	1'92	4	3'06	7	2'26	4	0'58	2	2'42	5	0'96	3	0'43	1	0'39	3
Total ...	81'17	84	84'52	76	81'22	76	99'10	80	90'06	83	84'87	73	64'07	64	103'29	81	61'98	64	90'98	59	71'34	57
Average ...	100'24	93	102'04	88	104'25	87	110'74	92	99'32	86	101'68	83	83'53	78	97'53	88	63'49	62	69'43	60	62'35	55

General characteristics.—Inland the district is well watered and well wooded. Rainfall abundant, being considerably more inland than on the coast and less towards the north than towards the south.

Remarks.—Fall of the year in defect of the average except at Váda, Dáhanu and Umbargaon where slightly in excess. The monsoon broke in the middle of June but the rainfall was light and partial and barely sufficient for sowings of rice and ragi. Seedlings began to wither in places for want of rain. July rain though below average removed the anxiety caused at the end of the last month and afforded sufficient moisture for resumption of the transplantation of rice. The deficiency of rain till the 20th August was fully supplied by the continuous fall during the last 10 days of the month and the standing crops thrived well. Fall in September was generally much above the average but was sufficient and the crops flourished. October rain though in defect of the average except at Thána and Bassein was useful for late crops. Locusts appeared in coast talukas but did no serious injury to standing crops. The rainfall in November which was confined to inland talukas and to Salsette on the coast and in December injured rabi crops to some extent. Season on the whole fair to good. The average outturn of kharif and rabi crops ranged from 9 to 12 annas and that of warkas 8 to 11 annas.

Surat, 1902.

Rain Periods.	SURAT.		OLPÁD.		RÁNDER.		MÁNDVI.		BÁRDOLI.		VÁLOD.		JALÁL- FOR.		CHIKULI.		BULSÁR.		PÁNDI.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	0.50	1	0.56	1	0.46	1	1.08	2	...	...	0.25	1	0.20	1	...	...	...	...	...	...
Ante-Monsoon...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monsoon-Kharif ...	27.03	16	24.86	15	31.99	16	17.64	17	20.54	24	25.14	21	20.00	18	27.08	23	34.14	25	26.70	32
Monsoon-Rabi...	26.71	27	21.28	21	23.53	23	26.24	20	26.65	28	32.60	31	29.11	23	30.28	23	38.00	31	47.60	23
Late Rains ...	0.84	2	0.40	1	0.38	1	1.13	2	0.80	2	1.40	2	0.10	1	1.03	4	2.63	3	1.40	3
Total ...	55.08	46	47.08	38	56.35	41	46.09	50	48.09	54	59.61	55	50.31	43	68.29	50	74.23	59	74.63	63
Average ...	39.58	26	34.76	24	37.86	27	47.79	46	43.96	47	50.10	55	44.25	41	62.48	52	63.40	59	72.25	67

General characteristics.—Western portion all along the coast poor sandy soil; central belt with rich soil and moderate rainfall; further to the east, Dangs with heavy rainfall but light soil. As a rule, rain lighter on the coast than inland.

Remarks.—The total fall of the year was below the average in Mándvi and Bárdoli; elsewhere above it. In June at first the monsoon gave some light showers and sowings were started in parts by the fall of the second week. But some anxiety was felt towards the end of the month and seedlings of rice and other crops were withering. In July rain in the Punarvasu period was heavy and continuous. It removed the anxiety and refreshed the withering seedlings. It also facilitated general kharif sowings and gave a good start for the transplantation of rice. More than sufficient rain fell in August and the standing crops threw well but required a break. Fall in September was continuous till the 21st and was more than required. But the break after the 21st was beneficial for the standing crops. Fall in the Chitra period in October was light but rabi sowings pushed on and the seedlings were in good condition. There was almost no rain thereafter till the middle of December when some light showers fell which were useful for rabi crops. Kharif crops were reaped in good condition. Season on the whole good. Kharif outturn estimated from 6 to 12 annas and rabi 4 to 12 annas. Cotton yield was 8 to 14 annas.

Broach, 1902.

Rain Periods.	BROACH.		ANKLESVAR.		HÁNSOT.		VÁGBA.		ÁMOD.		JAMBUSAR.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.	
Early Rains ...	0.27	1	0.44	2	0.03	...	...	...	0.03	...	0.06	...
Ante-Monsoon...	...	...	...	...	...	...	...	...	...	...	...	...
Monsoon-Kharif ...	18.75	15	25.84	19	14.94	19	11.96	18	9.08	11	7.80	9
Monsoon-Rabi...	29.97	23	19.39	23	25.89	20	24.92	22	21.91	20	15.75	19
Late Rains ...	0.47	2	0.67	2	0.33	1	0.36	2	0.92	2	0.69	2
Total ...	49.46	41	46.94	45	41.19	40	37.14	37	30.94	33	23.70	30
Average ...	41.77	21	38.15	25	32.14	22	34.93	29	33.18	21	33.60	23

General characteristics.—Rich alluvial plains growing cotton and wheat. Rainfall moderate but sure, being, as a rule, more plentiful in the Broach Taluka. The rainfall is supplemented by heavy dews from October to December.

Remarks.—Rainfall of the year in excess of the average except in Ámod and Jambusar Talukas. The monsoon opened early in the 2nd week of June, but gave light partial showers. Rain was quite insufficient for general kharif sowing. The retarded sowings were, however, completed under continuous and heavy rain in the Punarvasu period in July. More rain, however, was wanted at the end of the month. There was a long break in August till the 21st and the standing crops withered. But the general and heavy rain after the 21st saved the standing crops and induced the preparation of land for rabi cultivation. September rain was more than sufficient and all crops flourished well. It also facilitated rabi sowings. After this there was practically no rain till December, when some light showers fell. This rain benefitted the rabi crops but was injurious to cotton crop. The outturn of jowári, bájri and paddy varied from 8 to 14 annas, cotton 8 to 12 annas and wheat 11 to 13 annas.

Kaira, 1902.

Rain Periods.	KAIRA.		MEHMAD- ABAD.		MÁTAR.		NADIÁD.		KAPAD- VANJ.		THÁSRA.		ANAND.		BORSAD.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	...	...	0.16	...	...	...	...	...	...	...	...	...	0.16	1	0.29	1
Ante-Monsoon ...	...	...	0.07	...	...	...	0.08	...	...	...	...	...	...	...	...	...
Monsoon-Kharif ...	5.45	8	5.00	9	5.98	6	6.05	9	12.56	13	5.89	10	7.31	8	11.50	9
Monsoon-Rabi ...	26.79	21	35.79	21	28.15	24	27.69	21	33.18	20	22.24	20	27.79	21	24.47	24
Late Rains ...	0.14	1	0.09	...	...	...	0.16	1	0.04	...	0.05	...	0.18	1	0.41	2
Total ...	32.98	30	41.11	30	34.13	30	34.53	31	44.79	33	28.18	30	35.44	31	36.67	36
Average ...	32.73	22	34.73	26	32.42	22	37.55	29	32.63	27	33.99	30	36.83	27	38.53	29

General characteristics.—The district is mostly one unbroken alluvial plain. In the north and north-east patches of rich rice land: the centre, a tract of most fertile soil yielding the choicest crops and westward a bare, though well cultivated, tract of rice land.

Remarks.—Aggregate fall of the year equal to or in excess of the average in Kaira, Mehmudabad, Mátar and Kapadvanj; elsewhere slightly in defect. June rain amounted to a few cents in almost all talukas except Borsad and the fall was quite insufficient for general kharif sowing. The sowing rain however came early in the third week of July and the kharif sowings retarded at the end of last month were resumed. There was a prolonged break since the third week of July to 21st of August and all standing crops commenced to wither. Relief, however, came with general and heavy fall after 21st and benefitted standing crops. Rain in the subsequent month was more than sufficient and all crops promised well. It also induced rabi sowings. There was no rain in October and November and all crops except rice did well. Some few light showers fell in the middle of December which were useful for rabi crops. The season on the whole was fair except for rice. The estimated yield of bajri, jowari was 10 annas, rice 3 annas and wheat and pulses 12 annas.

Panch Mahals, 1902.

Rain Periods.	GODHRA.		KÁLOL.		HÁLÓL.		DOHAD.		JHÁLOD.		JAMBUGHODA.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.	
Early Rains...	0.34	1	0.06	...	0.02	...	1.03	2	0.61	1	0.25	1
Ante-Monsoon ...	...	...	...	...	...	...	...	...	...	...	...	...
Monsoon-Kharif ...	7.39	8	6.93	9	7.39	9	9.50	8	8.40	10	11.65	16
Monsoon-Rabi ...	27.78	23	28.18	22	29.99	26	21.15	16	21.72	16	19.18	22
Late Rains ...	0.65	2	0.78	2	0.63	2	0.87	2	0.65	2	0.47	2
Total ...	36.16	33	35.96	33	38.08	37	62.55	28	31.38	29	31.55	41
Average ...	38.13	26	37.48	29	40.96	28	29.88	26	30.84	27	44.03	30

General characteristics.—Rainfall lighter and later in the east than in the western division.

Remarks.—Rainfall of the year more than average at Dohad and Jhálod; elsewhere less than that. The monsoon kharif rain commenced in the Mrig period in the middle of June, but was light and partial and sowings could not be commenced. Fall in July in the Punarvasu period though below normal was sufficient for kharif sowings which were briskly commenced. Then followed a long break till 20th of August and standing crops began to wither especially rice. But the heavy and opportune fall in the Magha and Purva period improved the situation and standing crops revived. Rain in September was more than sufficient and crops fared well. Rabi sowing commenced in places. There was practically no rain in the two subsequent months though more was wanted for rice crop and for the completion of rabi sowings. December gave fair showers which were useful for rabi sowings where sown. Season for kharif crops excepting rice was good and that of rabi poor. Kharif yielded from 9 to 12 annas and rabi 6 to 9 annas.

Ahmedabad, 1902.

Rain Periods.	AHMED- ABAD.		PARÁNTIV.		MODÁSA.		SÁNAND.		VIRANGÁM.		DHOLKA.		DHAN- DHUKA.		GOGHA.	
	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.	Fall.	Rainy days.
	In.		In.		In.		In.		In.		In.		In.		In.	
Early Rains ...	...	...	...	...	...	...	0'04	...	0'01	...	0'04	...	...	...	...	...
Ante-Monsoon ...	0'35	1	0'22	1	0'03	...	0'23	1	0'12	1	...	...	0'36	1	...	...
Monsoon-Kharif ...	3'03	7	3'05	7	3'02	9	4'23	10	3'11	8	4'73	9	3'10	9	2'53	13
Monsoon-Rabi ...	21'98	21	23'42	20	20'31	17	23'25	21	23'04	16	33'25	24	18'53	20	22'33	20
Late Rains ...	0'10	...	...	...	0'32	1	0'45	2	0'08	...	0'20	1	0'33	1	0'01	2
Total ...	28'08	29	31'09	28	30'28	27	34'23	34	27'24	21	35'22	34	25'32	31	30'52	35
Average ...	31'39	25	33'02	27	33'74	22	29'52	22	27'77	19	29'35	23	27'05	24	27'18	23

General characteristics.—Except in the hilly parts of Modása, where the supply is sometimes considerable, the rainfall throughout the district is generally very light.

Remarks.—Total fall of the year in defect of the average except in Sánand, Dholka and Gogha where slightly in excess. The monsoon opened very lightly in the middle of June. But the Ardra fall being very scanty sowings could not be commenced. During the month of July rain fell in light showers and the total fall of the month was insufficient for completing kharif sowings. There was a prolonged break in August till 20th which prevented fall kharif sowings and caused standing crops to wither. But the subsequent fall more than made up the deficiency and improved the prospects. The retarded sowings were resumed and completed. September rain was far in excess of the average and standing crops were flourishing. Transplantation of rice in progress in one taluka. Rabi sowing commenced. There was no rain in October and November though it was necessary for standing kharif and for completing rabi sowings. Very light showers fell in December. Among kharif crops jowári gave an outturn of 4 to 12 annas. Rice crop was a failure. Rabi yielded 4 to 12 annas. Wheat was a bumper crop. Season on the whole fair.

STATISTICS
AGRICULTURAL

STATEMENT.

1841-5 ap

STATEMENT.

в 1541—5 *ap*

No.	District.	NUMBER AND AREA OF VILLAGES, EXCLUSIVE OF FOREIGN TERRITORY, FEUDATORY AND TRIBUTARY STATES.						VILLAGES			
		Government.		Allotted.		Total.		Surveyed Government Rayatwari.		Other Government	
		No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.
1	2		3		4		5		6		
A.—BOMBAY PRE- SIDENCY PROPER.											
<i>I.—Gujarāt.</i>											
1	Ahmedabad	836	2,318,763	52	123,566	888	2,442,329	443	1,055,385	354	1,134,000
2	Kaira	563	993,878	23	27,496	591	1,021,374	525	930,892	2	3,000
3	Panch Mahāls	611½	901,181	79½	126,449	691	1,027,630	403	626,025	207½	211,000
4	Broach	408	920,939	15	18,723	423	939,662	407	919,760	1	1,000
5	Surat	815½	1,015,983	37½	41,037	853	1,057,020	811½	1,014,113	...	...
<i>II.—Deccan.</i>											
6	Khāndesh	3,225	6,226,165	110½	201,969	3,335½	6,428,134	2,749½	4,708,552	...	...
7	Nāsik	1,532	3,467,259	163	275,286	1,695	3,742,575	1,519	3,440,494	...	...
8	Ahmednagar	1,227½	3,679,489	146½	537,648	1,374	4,217,137	1,227½	3,679,489	...	...
9	Poona	1,007½	2,887,894	197½	536,039	1,205	3,423,933	1,002½	2,881,646	...	...
10	Sholāpur	669	2,714,318	49	192,058	718	2,906,376	669	2,714,318	...	...
11	Sātāra	963	2,466,674	395	621,371	1,358	3,088,045	962	2,465,163	...	...
<i>III.—Karnātak.</i>											
12	Belgaum	915	2,346,865	220	629,335	1,135	2,976,200	915	2,346,865	...	...
13	Bijāpur	1,012	3,212,818	161	416,013	1,173	3,628,831	1,010	3,211,094	...	...
14	Dhārwar	1,289	2,689,762	183	255,498	1,472	2,945,260	1,283	2,689,030	...	...
<i>IV.—Konkan.</i>											
15	Thāna	1,598	2,165,142	99	124,229	1,697	2,289,371	1,564	2,123,153	24	30,000
16	Kolāba	1,540	1,323,479	92	44,449	1,632	1,367,928	1,050	783,449	489	530,000
17	Ratnāgiri	1,270½	2,381,755	70	172,808	1,340½	2,554,563	232½	497,035	73	115,000
18	Kānara	1,417	2,524,961	...	.....	1,417	2,524,961	1,417	2,524,961	...	...
	Total A ...	20,899½	44,237,355	2,098½	4,343,974	22,998	48,581,329	18,200½	38,616,424	1,085½	1,990,700
B.—SIND.											
19	Karāchi	691	7,643,071	11	18,292	702	7,661,363	602	4,234,543	89	3,408,500
20	Hyderabad	1,465	5,008,832	96	270,092	1,561	5,278,924	1,465	5,008,832	...	...
21	Sukkur	651	3,162,749	31	292,431	682	3,455,180	643	3,144,071	8	18,000
22	Lārkhāna	736	2,982,214	26	250,575	762	3,232,789	723	2,964,568	13	17,500
23	Upper Sind Frontier ...	392	1,643,255	7	40,662	399	1,683,917	390	1,411,201	2	23,000
24	Thar and Pārkar ...	886	8,745,169	4	18,217	890	8,763,386	697	2,122,154	189	6,623,000
	Total B ...	4,821	29,185,290	175	890,269	4,996	30,075,559	4,520	18,885,369	301	10,299,920
	GRAND TOTAL ...	25,720½	73,422,645	2,273½	5,234,243	27,994	78,656,888	22,720½	57,501,793	1,386½	12,290,620

Statistics, 1902-1903.

STATISTICS ARE AVAILABLE.				VILLAGES FOR WHICH STATISTICS ARE NOT AVAILABLE.						District.	No.
Surveyed Alienated.		Total.		Government.		Alienated.		Total.			
No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.		
7		8		9		10		11		1	
8	2,101	805	2,192,137	34	128,727	49	121,465	83	250,192	A.—BOMBAY PRE- SIDENCY PROPER. I.—Gujarát. Ahmedabad 1 Kaira 2 Panch Maháls 3 Broach 4 Surat 5 II.—Deccan. Khándesh 6 Násik 7 Ahmednagar 8 Poona 9 Sholápur 10 Sátára 11 III.—Karnátak. Belgaum 12 Bijápur 13 Dhárwár 14 IV.—Konkan. Thána 15 Kolába 16 Ratnágiri 17 Kánara 18 Total A.	
8	4,139	530	938,774	36	59,293	25	23,307	61	82,000		
79½	126,449	690	1,027,420	1	210	...	.....	1	210
...	.....	408	920,939	...	.....	15	18,723	15	18,723
12½	19,003	824	1,033,116	4	1,870	25	22,034	29	23,904		
66½	110,383	2,816	4,818,935	475½	1,517,613	44	91,586	519½	1,609,199		
102	205,587	1,621	3,646,081	13	26,795	61	69,699	74	96,494		
111	443,171	1,338½	4,122,660	...	.....	35½	94,477	35½	94,477
167½	477,193	1,170	3,358,839	5	6,248	30	58,846	35	65,094		
49	192,056	718	2,906,376	...	.....	...	.....	...	.....
217	398,360	1,179	2,863,523	1	1,511	178	223,011	179	224,522		
167	477,849	1,082	2,824,714	...	.....	53	151,486	53	151,486
155	404,042	1,165	3,615,136	2	1,724	6	11,971	8	13,695		
136	179,789	1,424	2,868,819	1	732	47	75,709	48	76,441		
49	62,214	1,637	2,224,325	10	3,031	50	62,015	60	65,046		
13	7,446	1,552	1,321,632	1	9,293	79	37,003	80	46,296		
3	7,453	248½	516,122	1,030	1,873,086	67	165,855	1,097	2,038,441		
...	.....	1,417	2,524,961	...	.....	...	.....	...	.....
1,334½	3,117,287	20,620	43,724,509	1,613½	3,630,133	764½	1,226,687	2,378	4,856,820	Total A.	
11	18,292	702	7,661,363	B.—SIND. Karáchi 19 Hyderabad 20 Sukkur 21 Lárkhána 22 Upper Sind Frontier 23 Thar and Párkar 24 Total B.	
96	270,092	1,561	5,278,924	...	.....	...	.....	...	.....
31	292,431	682	3,455,180	...	.....	...	.....	...	.....
26	250,575	762	3,232,789	...	.....	...	.....	...	.....
6	27,277	398	1,670,532	...	.....	1	13,385	1	13,385
4	18,217	890	8,763,386	...	.....	...	.....	...	.....
174	876,884	4,995	30,062,174	1	13,385	1	13,385	Total B.	
1,508½	3,994,171	25,615	73,786,683	1,613½	3,630,133	765½	1,240,072	2,379	4,870,205	GRAND TOTAL.	

No.	District.	Total area as in Columns 5, 6, 7 and 8 of Return No. 1.	Cultivated Area				Total, Columns 5 and 6.
			Gross area cropped.	Deduct area cropped more than once.	Remainder net cropped area.	Add current fallows.	
	1	2	3	4	5	6	7
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
A.—BOMBAY PRESIDENCY PROPER.							
<i>I.—Gujarát.</i>							
1	Ahmedabad ...	{ Rayatwári ... 1,055,386 Other Government... 1,134,651 Alienated ... 2,101	{ 582,383 411,382 1,239	{ 11,574 46 16	{ 670,809 411,338 1,223	{ 138,638 447,997 674	{ 709,417 859,330 1,567
	Total ...	2,192,137	995,004	11,636	983,368	587,309	1,570,677
2	Kaira... ..	{ Rayatwári ... 930,892 Other Government... 3,693 Alienated ... 4,189	{ 628,779 2,687 3,691	{ 21,068 183 285	{ 605,711 2,504 3,396	{ 111,927 642 499	{ 717,088 3,146 3,886
	Total ...	938,774	633,147	21,536	611,611	113,068	724,679
3	Panch Maháls. {	{ Rayatwári ... 626,025 Other Government... 274,946 Alienated ... 126,449	{ 226,102 84,435 46,087	{ 26,676 6,703 2,136	{ 200,426 77,732 43,951	{ 93,401 135,046 68,559	{ 293,527 212,773 112,210
	Total ...	1,027,420	356,624	34,515	322,109	296,706	618,815
4	Broach	{ Rayatwári ... 919,760 Other Government... 1,179 Alienated	{ 556,723 1,066	{ 429	{ 556,294 1,068	{ 86,812 77	{ 613,106 1,143
	Total ...	920,939	557,789	429	557,360	86,889	644,249
5	Surat	{ Rayatwári ... 1,014,113 Other Government... .. Alienated ... 19,003	{ 501,241 10,065	{ 31,302 116	{ 469,939 9,949	{ 264,262 6,894	{ 734,201 16,846
	Total ...	1,033,116	511,306	31,418	479,888	271,156	751,044
<i>II.—Deccan.</i>							
6	Khándesh	{ Rayatwári ... 4,708,552 Other Government... .. Alienated ... 110,383	{ 3,003,651 76,596	{ 53,690 636	{ 2,954,961 75,960	{ 175,416 13,251	{ 3,130,377 89,211
	Total ...	4,818,935	3,085,247	54,326	3,030,921	188,667	3,219,588
7	Násik	{ Rayatwári ... 3,440,494 Other Government... .. Alienated ... 205,587	{ 1,853,336 140,900	{ 54,230 2,986	{ 1,799,106 137,914	{ 402,369 32,770	{ 2,201,475 170,684
	Total ...	3,646,081	1,994,236	57,216	1,937,020	435,139	2,372,159
8	Ahmednagar... {	{ Rayatwári ... 3,679,489 Other Government... .. Alienated ... 443,171	{ 2,398,087 299,219	{ 45,210 3,294	{ 2,352,877 295,925	{ 390,099 74,915	{ 2,742,976 370,840
	Total ...	4,122,660	2,697,306	48,504	2,648,802	465,014	3,113,816
9	Poona	{ Rayatwári ... 2,881,646 Other Government... .. Alienated ... 477,193	{ 1,620,768 281,343	{ 81,274 15,426	{ 1,539,494 265,917	{ 564,476 115,231	{ 2,103,976 381,148
	Total ...	3,358,839	1,902,111	96,700	1,805,411	679,707	2,485,118
10	Sholápur	{ Rayatwári ... 2,714,318 Other Government... .. Alienated ... 192,058	{ 1,905,916 133,041	{ 24,609 1,773	{ 1,881,307 131,268	{ 419,528 29,847	{ 2,300,835 161,115
	Total ...	2,906,376	2,038,957	26,382	2,012,575	449,375	2,461,950
11	Sátára	{ Rayatwári ... 2,465,163 Other Government... .. Alienated ... 398,360	{ 1,384,942 234,544	{ 102,138 25,134	{ 1,282,804 209,410	{ 496,126 131,155	{ 1,778,930 340,565
	Total ...	2,863,523	1,619,486	127,272	1,492,214	627,281	2,119,495
<i>III.—Karnátak.</i>							
12	Belgaum	{ Rayatwári ... 2,346,865 Other Government... .. Alienated ... 477,849	{ 1,395,259 314,810	{ 27,757 3,700	{ 1,367,502 311,110	{ 326,201 132,037	{ 1,693,703 443,117
	Total ...	2,824,714	1,710,069	31,457	1,678,612	458,238	2,136,850
13	Bijápur	{ Rayatwári ... 3,211,094 Other Government... .. Alienated ... 404,042	{ 2,568,352 303,557	{ 8,793 714	{ 2,559,559 302,843	{ 253,747 48,370	{ 2,813,306 351,213
	Total ...	3,615,136	2,871,909	9,507	2,862,402	302,117	3,164,519

BBA.		UNCULTIVATED AREA.					Total, Columns 10 to 13.	District.	No.
Details of Column 7.		Available for cultivation.		Not available for cultivation.					
Assessed land.	Unassessed land.	Assessed land.	Unassessed land.	Forest.	Others.				
8	9	10	11	12	13	14	1		
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.			
704,040	5,407	143,164	10,294	13,116	179,364	345,938	A.—BOMBAY PRESIDENCY PROPER.		
859,333	275,318	275,318	I.—Gujarát.		
1,565,270	5,407	143,242	10,294	13,116	454,808	621,460	Rayatwári... } Ahmedabad .. 1		
716,965	673	96,480	1,087	.....	115,687	213,254	Other Government. } Kaira ... 2	
3,146	.....	41	22	.....	484	517	Alienated ... }
8,895	.....	.....	.....	.....	294	294	Total.
724,006	673	96,521	1,109	.....	116,465	214,005	Total.	
292,216	1,611	58,762	43,938	184,595	44,003	332,193	Rayatwári... } Panch Maháls .. 3		
212,431	347	8	767	27,350	84,043	62,168	Other Government. }		
112,210	.....	2,739	.....	.....	11,500	14,239	Alienated ... }
616,857	1,958	61,509	44,705	211,945	90,446	408,605	Total.		
632,767	10,339	30,597	2,318	.....	243,739	276,654	Rayatwári... } Broach ... 4	
1,143	.....	.....	.....	.....	36	36	Other Government. }
.....	.....	.....	.....	.....	.....	.....	Alienated ... }
633,910	10,339	30,597	2,318	.....	243,775	276,690	Total.	
720,562	13,639	32,811	12,164	48,148	186,789	279,912	Rayatwári... } Surat ... 5		
.....	.....	.....	.....	.....	.....	.....	Other Government. }
16,834	9	123	809	.....	1,228	2,160	Alienated ... }	
737,396	13,648	32,934	12,973	48,148	188,017	282,072	Total.		
3,128,749	1,628	252,030	71,223	722,956	531,960	1,578,175	II.—Deccan.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Khándaesh ... 6
89,185	26	3,698	4,844	849	11,781	21,172	Other Government. }		
3,217,934	1,654	255,728	76,067	723,805	543,747	1,599,317	Alienated ... }		
2,201,227	248	61,853	67,815	783,005	326,346	1,239,019	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Násik ... 7
170,658	26	469	8,607	1,137	24,690	34,903	Other Government. }		
2,371,885	274	62,322	76,422	784,142	351,036	1,273,922	Alienated ... }		
2,742,549	427	31,565	10,520	542,753	351,670	936,513	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Ahmednagar ... 8
370,818	22	4,823	8,787	421	58,295	72,331	Other Government. }		
3,113,367	449	36,393	19,307	543,179	409,965	1,008,844	Alienated ... }		
2,103,882	88	9,656	2,802	450,105	315,113	777,676	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Poona ... 9
381,141	7	22	1	2,909	93,113	96,045	Other Government. }		
2,485,023	95	9,678	2,803	453,014	408,226	873,721	Alienated ... }		
2,300,598	237	11,894	174	177,409	224,016	413,483	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Sholápur ... 10
161,102	13	5	3,148	.....	27,790	30,943	Other Government. }	
2,461,700	250	11,889	3,322	177,409	251,806	444,426	Alienated ... }		
1,777,930	1,000	16,786	3,188	435,482	230,777	686,233	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Sátára... 11
340,550	15	781	2,481	13,511	41,022	57,795	Other Government. }		
2,118,480	1,015	17,567	5,669	448,993	271,799	744,028	Alienated ... }		
1,691,607	2,096	28,156	39,070	423,917	157,019	653,162	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Belgaum .. 12
443,124	23	5	1,469	2,907	30,321	34,702	Other Government. }		
2,134,731	2,119	28,161	40,539	431,824	187,340	687,864	Alienated ... }		
2,813,271	35	39,406	17,644	176,807	164,531	397,788	Total.		
.....	.....	.....	.....	.....	.....	.....	Rayatwári... } Bijápur ... 13
851,070	143	4,640	2,878	8,257	37,054	52,829	Other Government. }		
3,164,341	178	44,046	19,922	185,061	201,585	450,617	Alienated ... }		

District.	Total area as in Columns 5, 6, 7 and 8 of Return No. 1.	Gross area cropped.	Deduct area cropped more than once.	Remainder net cropped area.	Add current fallows.	Total, Columns 5 and 8.
1	2	3	4	5	6	7
A.—BOMBAY PRESIDENCY PROPER—continued.						
III.—Karnatak—continued.						
14 Dhárwár	{ Rayatwári ... 2,689,030 Other Government ... 179,789 Alienated ... Total ... 2,868,819	{ 2,028,409 108,735 Total ... 2,137,144	{ 42,880 1,311 Total ... 43,691	{ 1,936,029 107,424 Total ... 2,093,453	{ 216,713 35,010 Total ... 251,723	{ 2,302,712 142,481 Total ... 2,345,176
IV.—Konkan.						
15 Thána	{ Rayatwári ... 2,128,153 Other Government ... 33,958 Alienated ... 62,214 Total ... 2,224,325	{ 436,328 8,938 14,076 Total ... 459,342	{ 6,405 40 77 Total ... 6,522	{ 429,923 8,898 13,999 Total ... 452,820	{ 460,646 7,481 33,959 Total ... 502,086	{ 890,739 16,379 47,958 Total ... 954,906
16 Kolába	{ Rayatwári ... 783,449 Other Government ... 530,737 Alienated ... 7,446 Total ... 1,321,632	{ 242,492 158,637 2,521 Total ... 403,650	{ 9,184 4,072 94 Total ... 13,350	{ 233,308 154,565 2,427 Total ... 390,300	{ 191,642 164,349 2,734 Total ... 358,725	{ 424,926 318,914 6,181 Total ... 749,925
17 Ratnágiri	{ Rayatwári ... 497,035 Other Government ... 11,634 Alienated ... 7,453 Total ... 516,122	{ 145,660 2,817 3,459 Total ... 151,936	{ 9,352 92 246 Total ... 9,690	{ 136,308 2,725 3,213 Total ... 142,246	{ 179,682 4,883 1,683 Total ... 186,248	{ 215,900 7,668 4,886 Total ... 328,494
18 Kánara	{ Rayatwári ... 2,524,961 Other Government ... Alienated ... Total ... 2,524,961	{ 248,796 Total ... 248,796	{ 12,094 Total ... 12,094	{ 236,702 Total ... 236,702	{ 101,250 Total ... 101,250	{ 337,992 Total ... 337,992
Total, A.	{ Rayatwári ... 38,616,424 Other Government ... 1,990,798 Alienated ... 3,117,287 Total ... 43,724,509	{ 21,730,224 669,262 1,973,873 Total ... 24,374,059	{ 567,165 11,136 57,944 Total ... 636,245	{ 21,163,059 658,826 1,915,929 Total ... 23,737,814	{ 4,872,975 760,475 727,288 Total ... 6,360,738	{ 26,036,934 1,419,301 2,643,217 Total ... 30,098,552
B.—Sind.						
19 Karáchi	{ Rayatwári ... 4,234,543 Other Government ... 3,408,528 Alienated ... 18,292 Total ... 7,661,363	{ 228,135 67,077 2,534 Total ... 297,746	{ 9,103 1,155 19 Total ... 10,277	{ 219,032 65,922 2,515 Total ... 287,469	{ 249,443 149,138 15,777 Total ... 414,358	{ 468,475 215,060 18,292 Total ... 701,827
20 Hyderabad	{ Rayatwári ... 5,008,832 Other Government ... Alienated ... 270,092 Total ... 5,278,924	{ 844,153 ... 69,595 Total ... 913,748	{ 17,728 ... 573 Total ... 18,301	{ 826,425 ... 69,022 Total ... 895,447	{ 1,125,718 ... 201,070 Total ... 1,326,788	{ 1,952,143 ... 270,092 Total ... 2,222,235
21 Sukkur	{ Rayatwári ... 3,144,071 Other Government ... 18,678 Alienated ... 292,431 Total ... 3,455,180	{ 265,923 8,818 30,991 Total ... 306,732	{ 22,141 31 904 Total ... 23,076	{ 243,782 3,787 30,087 Total ... 277,656	{ 431,170 5,876 262,344 Total ... 699,390	{ 674,952 9,663 292,431 Total ... 977,046
22 Lárkhána	{ Rayatwári ... 2,964,568 Other Government ... 17,646 Alienated ... 250,575 Total ... 3,232,789	{ 728,273 4,674 29,075 Total ... 761,922	{ 139,023 74 1,929 Total ... 141,026	{ 589,250 4,500 27,146 Total ... 620,896	{ 578,244 ... 223,429 Total ... 801,673	{ 1,167,494 4,600 260,575 Total ... 1,422,569
23 Upper Sind Frontier.	{ Rayatwári ... 1,411,201 Other Government ... 232,054 Alienated ... 27,277 Total ... 1,670,532	{ 403,906 19,369 6,246 Total ... 429,520	{ 36,884 1,471 414 Total ... 38,769	{ 367,021 17,898 5,832 Total ... 390,751	{ 434,939 ... 21,445 Total ... 456,384	{ 601,960 17,898 27,277 Total ... 847,135
24 Thar and Párkar.	{ Rayatwári ... 2,122,154 Other Government ... 6,623,015 Alienated ... 18,217 Total ... 8,763,386	{ 467,759 281,450 6,343 Total ... 755,552	{ 22,494 4,819 273 Total ... 27,086	{ 445,265 277,181 6,070 Total ... 728,466	{ 661,136 542,463 12,147 Total ... 1,215,746	{ 1,106,401 819,594 18,217 Total ... 1,944,212
Total, B.	{ Rayatwári ... 18,885,369 Other Government ... 10,299,921 Alienated ... 876,884 Total ... 30,062,174	{ 2,038,148 376,288 144,784 Total ... 3,459,220	{ 247,373 7,050 4,112 Total ... 258,535	{ 2,690,775 369,233 140,672 Total ... 3,200,685	{ 3,480,650 697,477 736,212 Total ... 4,914,339	{ 6,171,425 1,066,715 876,884 Total ... 8,115,024
GRAND TOTAL...	{ Rayatwári ... 57,501,793 Other Government ... 12,290,719 Alienated ... 3,943,171 Total ... 73,736,683	{ 24,668,372 1,046,250 2,118,657 Total ... 27,833,279	{ 814,538 18,186 62,056 Total ... 894,780	{ 23,853,834 1,028,064 2,056,601 Total ... 26,938,499	{ 8,353,625 1,457,952 1,463,500 Total ... 11,275,077	{ 32,207,459 2,486,016 3,620,101 Total ... 38,213,576

AREA.		UNCULTIVATED AREA.					District.	No.
Details of Column 7.		Available for cultivation.		Not available for cultivation.		Total, Columns 10 to 13.		
Assessed land.	Unassessed land.	Assessed land.	Unassessed land.	Forest.	Others.			
8	9	10	11	12	13	14	1	
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		
							A.—BOMBAY PRESIDENCY	
							PROPER—continued.	
							III.—Karnatak—continued.	
2,201,969	773	45,915	285	237,792	202,206	486,288	Rayatwari... } Dhárwár ... 14	
142,232	202	10,522	9,986	...	16,847	37,355	Other Government. }	
2,344,201	975	56,437	10,271	237,792	219,143	528,643	Alienated ... }	
							Total.	
							IV.—Konkan.	
880,446	10,123	42,282	68,892	652,586	473,834	1,237,584	Rayatwari... } Thána ... 15	
16,379	...	568	1,123	8,682	7,206	17,579	Other Government. }	
47,958	...	6	1,782	1,621	10,847	14,256	Alienated ... }	
944,783	10,123	42,856	71,787	662,889	491,887	1,269,419	Total.	
418,926	6,024	3,696	17,936	195,594	141,273	358,499	Rayatwari... } Koldba ... 16	
818,324	590	1	6,739	91,032	114,051	211,823	Other Government. }	
5,161	...	...	608	...	1,677	2,285	Alienated ... }
742,411	6,614	3,697	25,283	286,626	257,001	572,607	Total.	
315,845	145	1,483	3,875	9,455	166,232	181,045	Rayatwari... } Ratnágiri ... 17	
7,608	...	28	172	...	3,826	4,026	Other Government. }	
4,896	...	...	572	...	1,985	2,557	Alienated ... }
328,349	145	1,511	4,619	9,455	172,043	187,628	Total.	
337,475	517	47,823	1,889	1,996,999	140,258	2,186,969	Rayatwari... } Kánara ... 18	
...	...	...	...	...	...	...	Other Government. }
...	...	...	...	...	...	...	Alienated ... }
337,475	517	47,823	1,889	1,996,999	140,258	2,186,969	Total.	
25,981,024	55,010	954,849	374,504	7,055,724	4,195,813	12,580,390	Rayatwari... } Total, A.	
1,418,364	937	646	8,823	127,064	434,964	571,497	Other Government. }	
2,642,731	486	27,916	45,972	31,612	368,570	474,070	Alienated ... }	
30,042,119	56,433	982,911	429,299	7,214,400	4,999,347	13,625,957	Total.	
							B.—Sind.	
449,713	18,762	130,424	862,838	133,587	3,139,219	3,766,068	Rayatwari... } Karáchi ... 10	
187,031	28,029	1,013	713,604	1,614	2,477,237	3,193,468	Other Government. }	
18,292	...	...	...	...	...	...	Alienated ... }
655,036	46,791	131,437	1,076,442	135,201	5,616,456	6,959,536	Total.	
1,907,661	44,482	503,869	1,424,570	145,800	982,450	3,056,689	Rayatwari... } Hyderabad ... 20	
...	...	...	...	...	...	...	Other Government. }
259,158	10,934	...	...	...	...	...	Alienated ... }
2,166,819	55,416	503,869	1,424,570	145,800	982,450	3,056,689	Total.	
661,383	13,569	134,479	927,059	253,899	1,153,682	2,469,119	Rayatwari... } Sukkur ... 21	
...	9,663	...	7,730	...	1,285	9,015	Other Government. }	
292,431	...	...	...	...	...	...	Alienated ... }
953,814	23,232	134,479	934,789	253,899	1,154,967	2,478,134	Total.	
1,120,149	47,345	119,174	807,618	59,224	811,058	1,797,074	Rayatwari... } Lárkhána ... 22	
...	4,500	...	9,864	...	3,282	13,146	Other Government. }	
250,575	...	...	...	...	...	...	Alienated ... }
1,370,724	51,845	119,174	817,482	59,224	814,340	1,810,220	Total.	
774,506	27,454	67,294	214,621	43,327	283,999	609,241	Rayatwari... } Upper Sind ... 23	
...	17,898	...	101,150	...	113,006	214,156	Other Government. }	
2,033	25,244	...	...	...	...	...	Alienated ... }
776,539	70,596	67,294	315,771	43,327	397,005	823,397	Total.	
1,078,232	28,169	228,824	470,875	47,552	263,502	1,015,763	Rayatwari... } Thar and Pár- ... 24	
761,831	57,763	5,208	497,969	...	5,300,244	5,803,421	Other Government. }	
16,479	1,738	...	...	...	...	...	Alienated ... }
1,856,542	87,670	234,032	968,844	47,552	5,568,746	6,819,174	Total.	
5,991,644	179,781	1,184,064	4,207,561	683,389	6,638,910	12,713,914	Rayatwari... } Total, B.	
948,862	117,853	6,221	1,330,317	1,614	7,895,054	9,233,206	Other Government. }	
838,968	37,916	...	...	...	...	...	Alienated ... }
7,779,474	335,550	1,190,285	5,537,898	685,003	14,533,964	21,947,150	Total.	
31,972,669	234,791	2,138,413	4,582,085	7,739,113	10,834,723	25,294,334	Rayatwari... } GRAND TOTAL.	
2,367,226	118,790	6,867	1,339,140	128,678	8,330,018	9,804,703	Other Government. }	
3,481,699	38,402	27,916	45,972	31,612	368,570	474,070	Alienated ... }	
37,821,593	391,983	2,173,196	5,967,197	7,899,403	19,533,311	35,573,107	Total.	

No.	District.	Jowári (Great millet), Sorghum vulgare, &c.	Báji (Spiked millet), Pennisetum typhoidum.	Paddy (Bhát), Oryza sativa.	Wheat (Gahu), Triticum aestivum.	Barley (Jav, Sátu), Hordeum vulgare.	Maize (Maku), Zea mays.	
1		2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY PROPER.								
<i>I.—Gujarát.</i>								
1	Ahmedabad ...	Rayatwári... 122,226 Other Government... 86,636 Alienated... 364	139,722 73,751 296	9,916 3,146 111	114,600 110,856 87	11,727 4,038 13	2,840 793	2,840 1,192
	Total ...	209,126	213,769	13,173	225,503	15,778	3,633	4,157
2	Kaira... ..	Rayatwári... 49,751 Other Government... 366 Alienated... 386	259,512 1,075 1,939	35,171 18 144	19,927 532 117	3,090 30	449	62,500
	Total ...	50,503	262,526	35,333	20,276	3,120	449	62,500
3	Panch Maháls. {	Rayatwári... 4,156 Other Government... 2,374 Alienated... 1,293	35,118 12,905 8,631	12,259 7,775 3,421	3,924 1,110 582	461 353 65	67,058 21,216 13,243	12,100 6,241 3,571
	Total ...	7,738	56,654	23,455	5,616	879	101,517	21,560
4	Broach	Rayatwári... 178,909 Other Government... 136 Alienated... ..	23,487 30	8,194 3	35,867 42 .....	..... ..... .....	33	5,322
	Total ...	179,045	23,517	8,197	35,909	.....	33	5,322
5	Surat... ..	Rayatwári... 139,485 Other Government... .. Alienated... 5,383	12,381 168	82,165 821	24,261 15	..... ..... .....	6	30,750 35
	Total ...	144,868	12,549	83,006	24,276	.....	6	31,112
<i>II.—Deccan.</i>								
6	Khándesh ... {	Rayatwári... 513,732 Other Government... .. Alienated... 18,464	688,780 13,596	7,806 357	78,119 790	12	6,989 256	1,465 11
	Total ...	532,196	702,376	8,163	78,909	12	7,247	1,476
7	Násik	Rayatwári... 98,899 Other Government... .. Alienated... 6,680	901,431 74,953	51,930 3,769	118,291 16,435	..... ..... .....	2,867 141	6
	Total ...	105,579	976,384	55,699	134,726	.....	3,008	6
8	Ahmednagar ... {	Rayatwári... 654,298 Other Government... .. Alienated... 116,260	1,010,244 104,458	13,796 20	112,305 10,686	223 45	447 31	138 1
	Total ...	770,558	1,114,702	13,816	122,991	268	478	179
9	Poona... ..	Rayatwári... 572,400 Other Government... .. Alienated... 81,361	563,732 118,535	61,632 7,731	51,956 11,254	775 90	1,111 35	98 9
	Total ...	653,761	682,267	69,363	63,210	865	1,146	107
10	Sholápur ... {	Rayatwári... 1,391,512 Other Government... .. Alienated... 98,928	202,758 15,795	4,207 140	29,026 2,009	1,671 102	7,952 720	149
	Total ...	1,490,440	218,553	4,347	31,035	1,773	8,672	149
11	Sátára	Rayatwári... 435,579 Other Government... .. Alienated... 75,926	421,566 56,433	33,053 10,993	32,277 6,148	2,434 395	7,947 1,764	68 6
	Total ...	511,505	477,999	44,046	38,425	2,829	9,711	74
<i>III.—Karnátak.</i>								
12	Belgaum ... {	Rayatwári... 522,738 Other Government... .. Alienated... 133,758	152,522 52,981	105,692 6,390	69,287 12,027	83 2	9,582 3,150	63
	Total ...	656,496	205,503	112,082	81,314	85	12,732	63
13	Bijápur	Rayatwári... 1,306,939 Other Government... .. Alienated... 156,811	385,026 33,969	5,328 294	113,133 9,110	768 83	1,722 349	128
	Total ...	1,463,780	418,995	5,622	122,243	856	2,071	132

CEREALS.								District.	No.
Ragi (Nāgil), Eleusine coracana.	Rāle Kāng (Italian millet), Setaria Italica.	Vari (Sāva and Barag), Panicum miliare and Panicum miliaceum.	Banti, Banti, Panicum crusgalli var frumenta- ceum.	Bhadli, Panicum pilosum.	Amaranth (Rājira), Amaranthus paniculatus.	Others.	Total, L.		
9	10	11	12	13	14	15	16	1	
								A.—BOMBAY PRESIDENCY PROPER.	
								<i>I.—Gujarāt.</i>	
815	177	850	9,488	...	36	96	415,201	Rayatwari... ..	Ahmedabad ... 1
191	193	154	9,074	...	...	...	290,139	Other Government... ..	
5	.....	1	5	...	...	...	884	Alienated	
1,011	370	1,005	18,567	...	36	96	706,224	Total.	
15,784	264	752	4,625	...	366	1,314	453,271	Rayatwari... ..	Kaira ... 2
9	.....	52	...	...	...	...	1,759	Other Government... ..	
139	7	.....	...	...	...	...	3,054	Alienated	
15,932	271	804	4,625	...	366	1,314	458,084	Total.	
5,541	23	609	15,111	19	5	2,930	159,365	Rayatwari... ..	Panch Mahāls ... 3
2,896	.....	452	5,736	50	...	759	61,67	Other Government... ..	
1,947	.....	203	3,924	...	...	266	36,767	Alienated	
10,384	23	1,264	24,771	69	5	3,955	257,999	Total.	
48	28	102	4	...	4	...	252,258	Rayatwari... ..	Broach ... 4
.....	.....	.....	...	...	...	...	214	Other Government... ..	
.....	.....	.....	...	...	...	...	.....	Alienated	
48	28	102	4	...	4	...	252,472	Total.	
11,467	13	63	2,171	65	2	120	302,976	Rayatwari... ..	Surat ... 5
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
186	.....	.....	...	...	...	...	6,928	Alienated	
11,653	13	63	2,171	65	2	120	303,904	Total.	
								<i>II.—Deccan.</i>	
3,626	1,787	4,064	3,557	1,331	174	87	1,311,532	Rayatwari... ..	Khāndesh ... 6
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
105	80	114	145	44	29	2	33,995	Alienated	
3,731	1,867	4,178	3,702	1,375	203	89	1,345,527	Total.	
94,268	1,282	31,946	158	3,960	225	148	1,305,411	Rayatwari... ..	Nāsik ... 7
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
4,673	75	1,397	4	370	9	4	108,510	Alienated	
98,941	1,357	33,343	162	4,330	234	152	1,413,921	Total.	
18,904	12,643	15,422	126	2,894	197	759	1,812,436	Rayatwari... ..	Ahmednagar ... 8
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
1	1,049	123	1	84	17	3	232,779	Alienated	
18,905	13,692	15,545	127	2,978	214	762	2,075,215	Total.	
32,544	1,404	23,578	96	3,228	47	460	1,313,061	Rayatwari... ..	Poona ... 9
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
3,400	242	2,023	17	1,015	6	88	225,806	Alienated	
35,944	1,646	25,601	113	4,243	53	548	1,538,867	Total.	
46	1,955	2,053	5	666	60	4	1,642,664	Rayatwari... ..	Sholāpur ... 10
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
6	188	63	1	20	1	...	117,973	Alienated	
52	2,143	2,116	6	686	61	4	1,760,037	Total.	
33,212	16,348	38,117	39	...	458	3,178	1,024,276	Rayatwari... ..	Sātāra... 11
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
9,930	4,490	10,004	3	...	152	179	176,423	Alienated	
43,142	20,838	48,121	42	...	610	3,357	1,200,699	Total.	
								<i>III.—Karnātak.</i>	
36,300	49,598	27,829	...	...	3	234	973,931	Rayatwari... ..	Belgaum ... 12
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
4,922	8,220	3,596	...	...	2	...	225,048	Alienated	
41,222	57,818	31,425	...	...	5	234	1,198,979	Total.	
422	31,108	8,233	8	...	3	5	1,852,823	Rayatwari... ..	Bijāpur ... 13
.....	.....	.....	...	...	...	...	.....	Other Government... ..	
39	5,504	1,116	...	...	...	...	207,614	Alienated	
461	36,912	9,349	8	...	3	5	2,060,437	Total.	

No.	District.	1—Crops						Kodan (Havil) Pennisetum typhoidum.
		Jowári (Great millet), Sorghum vulgare, &c.	Bájrí (Spiked millet), Pennise- tum typhoidum.	Paddy (Bháť), Oryza sativa.	Wheat (Gahn), Triticum aesti- vum.	Barley (Jav, Sátu), Hordeum vulgare.	Maize (Maka), Zea mays.	
	1	2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY PROPER—continued.								
III.—Karnátak—continued.								
14	Dhárwár ...	Rayatwári ... 592,585 Other Government ... Alienated ... 33,488 Total ... 626,073	6,492 412 6,904	136,855 17,626 154,481	247,473 9,087 256,560	17 17	41 43	189 106
IV.—Konkan.								
15	Thána ..	Rayatwári ... 149 Other Government ... Alienated ... Total ... 149	1 1	288,324 7,024 11,361 306,709	78 78	..... ..... ..... 116	116 116	13,515 16 18,531
16	Kolába ...	Rayatwári ... Other Government ... Alienated ... Total ...	..... ..... ..... .....	185,217 62,987 2,024 250,228	1 1	1 1	..... ..... ..... 17,142	2,918 14,224 17,142
17	Ratnágiri ...	Rayatwári ... Other Government ... Alienated ... Total ...	..... ..... ..... 9	56,693 825 1,535 59,053	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... 1	19,379 571 93 20,263
18	Kánara ...	Rayatwári ... 1,031 Other Government ... Alienated ... Total ... 1,031	..... ..... ..... .....	194,607 194,607	..... ..... ..... .....	53 53	351 351	....................
Total, A. ...		Rayatwári ... 6,584,389 Other Government ... 89,412 Alienated ... 729,047 Total ... 7,402,848	4,802,781 87,761 482,166 5,372,708	1,292,865 81,778 66,737 1,441,380	1,050,485 113,240 78,347 1,241,072	21,315 4,421 800 26,536	109,612 22,009 19,693 151,214	151,663 22,476 4,271 178,409
B.—Sind.								
19	Karáchi ...	Rayatwári ... 19,622 Other Government ... 26,607 Alienated ... 98 Total ... 46,327	26,357 852 482 27,221	129,829 9,005 1,302 140,136	6,577 2,154 227 8,958	2,837 354 5 3,196	953 57 6 1,016	....................
20	Hyderabad ...	Rayatwári ... 91,812 Other Government ... Alienated ... 5,705 Total ... 100,517	300,939 24,321 325,260	162,961 19,992 182,953	60,358 2,721 63,079	2,501 324 2,825	304 304	....................
21	Sukkur. ...	Rayatwári ... 110,037 Other Government ... 930 Alienated ... 13,231 Total ... 124,248	14,423 8 829 14,755	42,814 3,892 46,706	44,589 1,571 6,199 52,359	224 1 8 233	....................	....................
22	Lárkhána. ...	Rayatwári ... 184,409 Other Government ... 946 Alienated ... 16,647 Total ... 202,002	15,838 369 320 16,527	242,454 3,205 245,659	77,357 1,644 491 79,492	999 9 8 1,011	1 1	....................
23	Upper Sind Frontier.	Rayatwári ... 134,219 Other Government ... 9,474 Alienated ... 2,199 Total ... 145,892	45,375 829 46,204	37,506 307 530 38,343	16,266 104 16,370	160 4 164	48 48	....................
24	Thar and Párkar.	Rayatwári ... 5,275 Other Government ... 18,220 Alienated ... 63 Total ... 23,558	93,246 242,595 1,642 337,483	131,903 1,602 133,405	90,605 1,684 752 93,041	422 59 481	138 138	....................
Total, B. ...		Rayatwári ... 548,374 Other Government ... 56,177 Alienated ... 37,993 Total ... 642,544	496,178 243,349 27,923 767,450	747,467 9,312 30,423 787,202	295,752 7,157 10,390 313,299	7,143 427 340 7,910	1,444 57 6 1,507	....................
GRAND TOTAL...		Rayatwári ... 7,132,763 Other Government ... 145,589 Alienated ... 767,040 Total ... 8,045,392	5,298,959 331,110 510,089 6,140,158	2,040,332 91,090 97,160 2,228,582	1,346,237 119,397 88,737 1,554,371	28,458 4,848 7,140 34,446	110,956 22,066 19,699 152,721	151,663 22,476 4,271 178,409

continued.

continued.

Bagi (Négl), Eleusine cornuana.	Rále Káng (Italian millet) Setaria Italica.	Vari (Sávs and Barag), Panic um miliare and Panicum miliaceum.	Banti, Barti, Panicum crusgalli var frumen- taceum.	Bhadli, Panicum pilosum.	Amaranth (Rájjira), Amaranthus paniculatus.	Others.	Total, L.	District.	No.
9	10	11	12	13	14	15	16	1	
42,523	69,751	38,392	10	...	...	...	1,134,323	A.—BOMBAY PRESIDENCY PROPER—continued.	
...	.....	.....	...	...	...	...	.....	III.—Karnátak—continued.	
4,050	4,151	2,328	...	...	...	...	71,151	Rayatwári... } Dhárwár ... 14	
46,573	73,902	40,720	10	...	...	...	1,205,479	Other Government, } Alienated ... }	
								Total.	
								IV.—Konkan.	
53,230	.....	20,016	1	...	1	...	875,481	Rayatwári... } Thána ... 15	
759	.....	240	...	...	...	...	8,023	Other Government, } Alienated ... }	
1,080	.....	468	...	...	...	...	12,925	Total.	
55,119	...	20,724	1	...	1	...	396,429	Total.	
20,577	.....	15,059	...	...	...	...	223,773	Rayatwári... } Kolába ... 16	
39,009	.....	28,933	...	...	...	...	145,203	Other Government, } Alienated ... }	
206	.....	168	...	...	...	...	2,396	Total.	
59,792	...	44,208	...	...	...	...	371,372	Total.	
26,873	24	12,019	...	...	...	...	114,998	Rayatwári... } Ratnágiri ... 17	
465	.....	308	...	...	...	...	2,169	Other Government, } Alienated ... }	
564	.....	199	...	...	...	...	2,611	Total.	
27,902	24	12,526	...	...	...	...	119,778	Total.	
6,210	370	386	...	...	...	...	203,008	Rayatwári... } Kánara ... 18	
.....	.....	.....	...	...	...	...	.....	Other Government, } Alienated ... }	
6,210	370	386	...	...	...	...	203,008	Total.	
402,440	186,775	239,490	35,399	12,163	1,581	9,335	14,900,193	Rayatwári... } Total, A.	
43,329	193	80,187	14,810	50	...	759	509,374	Other Government, } Alienated ... }	
31,253	24,306	21,853	4,100	1,533	216	542	1,464,864	Total.	
477,022	211,274	291,480	54,309	13,746	1,797	10,636	16,874,431	Total.	
								B.—Sind.	
865	13	189	...	...	...	...	187,242	Rayatwári... } Karáchi ... 19	
9	.....	4	...	...	...	...	38,572	Other Government, } Alienated ... }	
2	.....	.....	...	...	...	...	2,122	Total.	
876	13	193	...	...	...	...	227,936	Total.	
20	14	329	...	...	...	1	622,239	Rayatwári... } Hyderabad ... 20	
.....	.....	.....	...	...	...	...	.....	Other Government, } Alienated ... }	
1	.....	.....	...	...	...	...	53,064	Total.	
21	14	329	...	...	...	1	675,303	Total.	
68	80	56	...	...	...	183	212,474	Rayatwári... } Sukkur ... 21	
.....	.....	.....	...	...	...	8	2,508	Other Government, } Alienated ... }	
.....	74	.....	...	...	...	...	23,783	Total.	
68	154	56	...	...	...	186	238,765	Total.	
9	484	90	...	...	...	1	521,642	Rayatwári... } Lárkhána ... 22	
.....	.....	.....	...	...	...	...	2,963	Other Government, } Alienated ... }	
.....	60	1	...	...	...	...	20,727	Total.	
9	544	91	...	...	...	1	545,337	Total.	
1	322	3	...	...	...	185	234,085	Rayatwári... } Upper Sind ... 23	
.....	8	.....	...	...	...	...	9,897	Other Government, } Alienated ... }	
.....	5	.....	...	...	...	...	3,563	Total.	
1	335	3	...	...	...	185	247,545	Total.	
.....	3	745	...	...	...	...	322,337	Rayatwári... } Thar and Pár- ... 24	
.....	.....	9	...	...	...	...	262,567	Other Government, } Alienated ... }	
.....	.....	12	...	...	...	...	8,971	Total.	
...	3	766	...	...	...	...	588,875	Total.	
963	916	1,412	...	...	...	370	2,100,019	Rayatwári... } Total, B.	
9	8	13	...	...	...	8	316,512	Other Government, } Alienated ... }	
8	139	13	...	...	...	...	107,230	Total.	
975	1,063	1,438	...	...	...	373	2,523,761	Total.	
403,403	187,691	240,902	35,399	12,163	1,581	9,705	17,000,212	Rayatwári... } GRAND TOTAL.	
43,338	201	30,150	14,810	50	...	762	825,836	Other Government, } Alienated ... }	
31,236	24,445	21,866	4,100	1,533	216	542	1,572,094	Total.	
477,997	212,337	292,918	54,309	13,746	1,797	11,009	19,398,192	Total.	

No.	District.	II.—PULSES.								
		Tur (Pigeon Pea), <i>Cajanus indicus</i> .	Gram (Chana), <i>Cicer arietinum</i> .	Mug (Green Gram), <i>Phaseolus mungo</i> .	Udid (Black Gram), <i>Phaseolus radiatus</i> .	Math (Kidney Bean), <i>Phaseolus aconitifolius</i> .	V41 (large-fruited Dolichos), <i>Dolichos lablab</i> .	Chavil (small-fruited Dolichos), <i>Dolichos catiang</i> .	Kulith (Horse Gram), <i>Dolichos unilobus</i> .	V. (Pigeon Pea), <i>Cajanus indicus</i> .
1		17	18	19	20	21	22	23	24	25
A.—BOMBAY PRESIDENCY PROPER.										
<i>I.—Gujarát.</i>										
1	Ahmedabad ...	{ Rayatwári ... 770 Other Government ... 244 Alienated ... 1	{ 9,904 9,362 19	{ 2,728 2,064 81	{ 1,061 526 ...	{ 20,045 8,798 47	{ 4 70 ...	{ 227 35 ...	{ 215 3,260 ...	{
	Total ...	1015	19,285	4,823	1,587	28,890	74	262	3,475	10
2	Kaira ...	{ Rayatwári ... 11,149 Other Government ... 34 Alienated ... 68	{ 26,090 376 31	{ 3,807 25 ...	{ 541 ... 1	{ 28,926 29 67	{ 1,507	{ 4,573 7 ...	{	{
	Total ...	11,251	26,497	3,832	542	29,042	1,507	4,580	...	...
3	Panch Maháls ...	{ Rayatwári ... 2,339 Other Government ... 982 Alienated ... 593	{ 23,694 5,335 2,526	{ 1,835 515 311	{ 1,274 747 336	{ 3,274 1,097 719	{ 83 11 3	{ 122 119 134	{ 65	{ 613 1,391 20
	Total ...	3,914	31,555	2,691	2,357	5,090	47	375	65	1,934
4	Broach ...	{ Rayatwári ... 13,241 Other Government ... 6 Alienated ...	{ 1,639	{ 528	{ 29	{ 5,308	{ 735	{ 309	{	{ 180
	Total ...	13,247	1,639	528	29	5,308	735	309	...	180
5	Surat ...	{ Rayatwári ... 25,595 Other Government ... Alienated ... 234	{ 1,135 ... 7	{ 3,602 ... 55	{ 5,854 ... 30	{ 514 ... 3	{ 27,235 ... 109	{ 1,565 ... 9	{	{ 2,148 ... 5
	Total ...	25,889	1,142	3,657	5,884	517	27,344	1,574	...	2,153
<i>II.—Deccan.</i>										
6	Khándesh ...	{ Rayatwári ... 58,302 Other Government ... Alienated ... 2,043	{ 44,627 ... 741	{ 35,674 ... 541	{ 126,497 ... 2,899	{ 31,113 ... 355	{ 257 ... 2	{ 8,947 ... 78	{ 71,871 ... 752	{ 2,616 ... 71
	Total ...	60,345	45,368	36,215	129,396	31,468	259	4,025	72,623	2,717
7	Násik ...	{ Rayatwári ... 29,641 Other Government ... Alienated ... 3,438	{ 60,210 ... 5,701	{ 16,612 ... 303	{ 33,441 ... 1,930	{ 26,645 ... 663	{ 709 ... 1	{ 60	{ 104,135 ... 4,873	{ 4,011 ... 222
	Total ...	33,079	65,911	16,915	35,371	27,308	710	60	109,008	4,233
8	Ahmednagar ...	{ Rayatwári ... 60,240 Other Government ... Alienated ... 6,103	{ 45,523 ... 6,141	{ 33,260 ... 2,102	{ 2,333	{ 64,153 ... 4,506	{ 773 ... 9	{ 1,340 ... 243	{ 73,262 ... 6,370	{ 1,163
	Total ...	66,343	51,664	35,362	2,333	68,719	782	1,583	79,632	1,163
9	Poona ...	{ Rayatwári ... 33,903 Other Government ... Alienated ... 5,763	{ 44,085 ... 10,478	{ 8,936 ... 1,665	{ 5,395 ... 2,246	{ 31,996 ... 4,087	{ 3,956 ... 671	{ 676 ... 138	{ 40,449 ... 7,356	{ 1,920 ... 333
	Total ...	39,676	54,563	10,801	7,641	36,083	4,627	814	47,805	2,202
10	Sholápur ...	{ Rayatwári ... 25,212 Other Government ... Alienated ... 725	{ 32,668 ... 2,150	{ 1,887 ... 180	{ 433 ... 40	{ 23,876 ... 1,533	{ 296 ... 52	{ 25 ... 1	{ 8,052 ... 850	{ 34 ... 9
	Total ...	25,937	34,788	2,067	473	25,409	348	26	8,902	43
11	Sátára ...	{ Rayatwári ... 55,885 Other Government ... Alienated ... 9,578	{ 43,372 ... 6,434	{ 11,056 ... 1,664	{ 29,981 ... 7,370	{ 55,615 ... 5,527	{ 3,292 ... 649	{ 463 ... 46	{ 45,142 ... 6,659	{ 1,397 ... 400
	Total ...	65,463	49,806	12,720	37,351	61,142	3,941	509	51,801	1,797
<i>III.—Karnátak.</i>										
12	Belgaum ...	{ Rayatwári ... 59,142 Other Government ... Alienated ... 14,623	{ 26,381 ... 6,412	{ 8,496 ... 2,672	{ 12,103 ... 1,443	{ 9,354 ... 2,266	{ 6,277 ... 1,073	{ 1,584 ... 454	{ 49,442 ... 11,002	{ 1,623 ... 62
	Total ...	73,765	32,793	11,168	13,551	11,620	7,350	2,038	60,444	1,585
13	Bijápur ...	{ Rayatwári ... 80,283 Other Government ... Alienated ... 10,758	{ 37,677 ... 3,222	{ 19,530 ... 2,690	{ 5	{ 9,662 ... 802	{ 4,983 ... 874	{ 3,638 ... 861	{ 30,860 ... 4,791	{ 30 ... 13
	Total ...	91,041	40,899	22,220	5	10,464	5,857	4,469	35,651	43

					III.—ORCHARD AND GARDEN PRODUCE.					District.	No.
Masur (Lentil), Ervum lent.	Lakh Lang (Chickling Vetch), Lathyrus sativus.	Guvar (Field Vetch), Cyamopsis Psoralido- des.	Others.	Total, II.	A.—Vege- tables Roots and Tubers.	B.—Green Vege- tables.	C.—Green Fodder.	D.—Fruit Trees.	Total, III.		
26	27	28	29	30	31	32	33	34	35	1	
										A.—BOMBAY PRESIDENCY PROPER.	
										I.—Gujarát.	
...	...	5,114	8	40,086	1,094	1,596	398	596	3,679	Rayatwari... ..	Ahmedabad ... 1
...	...	1,721	...	26,080	101	384	2,018	36	2,639	Other Government... ..	
...	...	8	...	101	...	39	21	4	64	Alienated	
...	...	6,838	8	66,267	1,195	2,019	2,432	636	6,282	Total.	
...	...	26,186	...	104,729	889	892	6,280	256	8,316	Rayatwari... ..	Kaira ... 2
...	...	118	...	589	...	3	...	1	4	Other Government... ..	
...	...	159	...	346	12	8	...	...	20	Alienated	
...	...	28,413	...	105,664	901	903	6,280	256	8,340	Total.	
...	...	1,109	...	34,358	200	205	167	14	586	Rayatwari... ..	Panch Mahals ... 3
...	...	462	...	10,599	197	31	351	...	579	Other Government... ..	
...	...	358	...	5,000	189	4	52	...	215	Alienated	
...	...	1,929	...	49,957	586	240	570	14	1,410	Total.	
...	27,312	429	...	49,710	244	849	2,152	436	3,681	Rayatwari... ..	Broach ... 4
...	50	...	...	56	...	...	...	...	...	Other Government... ..	
...	...	...	...	...	...	...	...	...	...	Alienated	
...	27,362	429	...	49,766	244	849	2,152	436	3,681	Total.	
37	1,497	1,746	...	70,918	632	1,698	1	736	3,087	Rayatwari... ..	Surat ... 5
...	18	8	...	588	4	12	...	2	18	Other Government... ..	
...	...	...	...	...	...	...	...	...	...	Alienated	
37	1,505	1,754	...	71,456	636	1,710	1	738	3,085	Total.	
										II.—Deccan.	
198	30	...	...	375,157	2,859	4,238	128	1,416	8,186	Rayatwari... ..	Khándesh ... 6
...	...	...	...	7,498	282	193	...	84	449	Other Government... ..	
11	...	...	...	...	...	...	...	...	...	Alienated	
204	30	...	...	382,650	2,641	4,871	123	1,450	8,585	Total.	
3,191	4,730	...	4	283,869	4,243	1,816	930	1,667	8,156	Rayatwari... ..	Násik ... 7
...	...	...	...	17,838	654	149	61	139	1,008	Other Government... ..	
318	389	...	...	...	...	...	...	...	...	Alienated	
3,509	5,119	...	4	301,227	4,897	1,465	991	1,806	9,159	Total.	
311	41	...	...	282,899	2,828	1,040	1,072	838	5,778	Rayatwari... ..	Ahmednagar ... 8
...	...	...	...	25,534	270	114	52	101	587	Other Government... ..	
...	...	...	...	...	...	...	...	...	...	Alienated	
311	41	...	...	307,933	3,098	1,154	1,124	939	6,315	Total.	
487	...	...	...	171,817	10,752	1,058	879	2,300	14,984	Rayatwari... ..	Poona ... 9
...	...	...	...	33,023	3,061	295	56	663	4,075	Other Government... ..	
81	...	...	...	...	...	...	...	...	...	Alienated	
568	...	...	...	204,840	13,813	1,348	935	2,963	19,059	Total.	
9	192	...	1	92,685	4,843	1,308	614	1,105	7,870	Rayatwari... ..	Sholápur ... 10
...	...	...	...	5,530	609	157	2	84	802	Other Government... ..	
6	15	...	...	...	...	...	...	...	...	Alienated	
14	207	...	1	98,215	5,452	1,465	616	1,139	8,672	Total.	
287	...	...	121	246,811	6,478	956	421	597	8,452	Rayatwari... ..	Sátara ... 11
...	...	...	16	38,412	1,024	127	45	93	1,289	Other Government... ..	
69	...	...	...	...	...	...	...	...	...	Alienated	
356	...	...	137	285,023	7,502	1,083	466	690	9,741	Total.	
										III.—Karnátak.	
1,486	...	...	...	175,803	4,759	1,847	562	1,466	8,634	Rayatwari... ..	Belgaum ... 12
...	...	...	...	40,054	1,643	326	111	235	2,315	Other Government... ..	
47	...	...	...	...	...	...	...	...	...	Alienated	
1,543	...	...	...	215,857	6,402	2,173	673	1,701	10,949	Total.	
...	2	...	...	188,635	2,137	1,335	693	1,367	5,432	Rayatwari... ..	Bijápur ... 13
...	...	...	...	24,016	221	168	80	153	610	Other Government... ..	
...	...	...	...	...	...	...	...	...	...	Alienated	
...	2	...	...	210,651	2,358	1,491	673	1,520	6,042	Total.	

No.	District.	II.—Pulses									
		Tur (Pigeon Pea), Cajanus indicus.	Gram (Chana), Cicer arabittimum.	Mug (Green Gram), Phaseolus mungo.	Udid (Black Gram), Phaseolus radiatus.	Math (Kidney Bean), Phaseolus acontifolius.	Vai (large- fruited Dolichos), Dolichos lablab.	Chavli (small- fruited Dolichos), Dolichos catiang.	Kulith (Horse Gram), Dolichos uniflorus.	(Vatana Field Pea), Pisum sativum.	
1		17	18	19	20	21	22	23	24	25	
A.—BOMBAY PRESIDENCY PROPER—continued.											
III.—Karnatak—continued.											
14	Dhárwár	{ Rayatwári ... Other Government... Alienated ...	57,616 ... 3,077	46,134 ... 1,308	41,886 ... 2,095	4,938 ... 303	13,020 ... 519	3,623 ... 220	948 ... 50	58,624 ... 3,156	27 ... 5
		Total ...	60,693	47,442	44,581	5,241	13,539	3,843	998	61,780	32
IV.—Konkan.											
15	Thána	{ Rayatwári ... Other Government... Alienated ...	5,401 52 68	2,216 22 29	625 ... 4	14,371 255 170	... ... ...	4,493 17 21	3,352 38 59	715 15 17	136
		Total ...	5,521	2,267	629	14,796	...	4,531	3,448	747	136
16	Kolába	{ Rayatwári ... Other Government... Alienated ...	1,144 1,793 ...	790 202 5	1,140 1,054 4	2,502 3,852 10	... ... ...	7,881 2,897 72	39 75 ...	45 40...	.........
		Total ...	2,942	1,087	2,198	6,364	...	10,850	114	85	...
17	Ratnágiri	{ Rayatwári ... Other Government... Alienated ...	244 1 5	16	170 2 5	2,302 47 70	... ... ...	2,172 41 ...	180 2 6	8,975 86 842	.........
		Total ...	250	16	177	2,419	...	2,213	188	9,403	...
18	Kánara	{ Rayatwári ... Other Government... Alienated ...	118	57	1,329	1,624 ... ...	... ... ...	106	1,080	2,751	34
		Total ...	118	57	1,329	1,624	...	106	1,080	2,751	34
	Total, A.	{ Rayatwári ... Other Government... Alienated ...	520,230 3,117 57,142	446,218 15,387 45,174	193,101 3,690 15,122	244,684 5,427 16,853	323,501 9,924 21,174	68,332 3,036 3,756	24,098 276 2,078	494,603 3,401 46,168	15,881 1,301 1,140
		Total ...	580,489	506,779	211,913	266,964	354,599	75,124	26,452	544,172	18,322
B.—Sind.											
19	Karáchi	{ Rayatwári ... Other Government... Alienated ...	... ... ...	103 1 ...	10,172 2,141 161	775 157 45	422 186 55	... ... ...	39......	.........	.........
		Total ...	...	109	12,474	977	663	...	39	...	...
20	Hyderabad	{ Rayatwári ... Other Government... Alienated ...	7	1,088 ... 232	1,404 ... 180	10	4 ... ...	... ... ...	598 ... 68	.........	.........
		Total ...	7	1,320	1,584	10	4	...	666	...	...
21	Sukkur	{ Rayatwári ... Other Government... Alienated ...	... ... ...	5,961 ... 1,756	195 11 33	69 1 ...	180 ... ...	... ... ...	11......	.........	.........
		Total ...	...	7,717	239	90	80	...	11	...	...
22	Lárkhána	{ Rayatwári ... Other Government... Alienated ...	... ... ...	15,984 51 72	1,052	171 ... 8	... ... ...	82......	.........	.........	.........
		Total ...	...	16,107	1,052	179	...	82	...	...	...
23	Upper Sind Frontier.	{ Rayatwári ... Other Government... Alienated ...	... ... ...	44,206 ... 849	1,075 ... 34	117	222 ... ...	... ... ...	44 ... ...	... ... ...	2 ... 2
		Total ...	...	45,055	1,109	117	222	...	44	...	2
24	Thar and Párkar.	{ Rayatwári ... Other Government... Alienated ...	4	111 1 ...	11,024 131 186	12 ... ...	... ... ...	... ... ...	1,117 16...	.........	.........
		Total ...	4	112	11,341	12	...	...	1,133	...	...
	Total, B.	{ Rayatwári ... Other Government... Alienated ...	11	67,458 53 2,909	24,922 2,233 694	1,174 166 45	728 186 55	82	1,509 16 68	... ... ...	2 ... 2
		Total ...	11	70,420	27,799	1,385	969	82	1,893	...	2
	GRAND TOTAL...	{ Rayatwári ... Other Government... Alienated ...	520,241 3,117 57,142	513,676 15,440 43,083	218,023 5,973 15,716	243,858 5,593 16,898	324,229 10,110 21,229	68,414 3,036 3,756	25,907 292 2,146	494,603 3,401 46,168	16,883 1,301 1,140
		Total ...	580,500	577,199	239,712	268,349	355,568	75,206	28,345	544,172	18,324

-continued.					III.—ORCHARD AND GARDEN PRODUCE—continued.					District.	No.
Masur (Lentil), Ervum lens.	Lakh, Lang (Chickling Vetch), Lathyrus sativus.	Guvar (Field Vetch), Cyamopsis Psoraliodes.	Others.	Total, II.	A.—Vegetables Roots and Tubers.	B.—Green Vegetables.	C.—Green Fodder.	D.—Fruit Trees.	Total, III.		
26	27	28	29	30	31	32	33	34	35	1	
...	...	...	...	226,816	2,314	8,150	12	3,270	8,746	A.—BOMBAY PRESIDENCY PROPER—continued.
...	...	...	...	11,333	60	307	...	361	728	III.—Karnátak—continued.
...	...	...	...	238,149	2,374	3,457	12	3,631	9,474	Rayatwári... } Other Government... } Dhárwár. Alienated ... } Total.
...	82	...	...	31,391	1,466	1,131	391	4,215	7,203	IV.—Konkan.
...	...	...	...	309	...	14	...	148	162	Rayatwári... } Other Government... } Thána. Alienated ... } Total.
...	82	...	...	32,157	1,491	1,191	391	4,808	7,881	...
...	...	...	...	13,541	58	408	...	1,541	2,007	Rayatwári... } Other Government... } Kolába. Alienated ... } Total.
...	...	...	...	10,008	1	64	...	17	82	...
...	...	...	...	91	2	15	...	...	17	...
...	...	...	...	23,640	61	487	...	1,558	2,106	...
...	...	17	156	14,232	58	123	...	6,053	6,234	Rayatwári... } Other Government... } Ratnágiri. Alienated ... } Total.	
...	...	...	...	179	...	1	...	36	37	...
...	...	...	...	428	...	...	...	170	170	...
...	...	17	156	14,839	58	124	...	6,259	6,441	...	
...	...	...	368	7,467	284	600	1	17,717	18,602	Rayatwári... } Other Government... } Kánara. Alienated ... } Total.
...	
...	...	...	368	7,467	284	600	1	17,717	18,602	...
6,011	33,876	36,551	653	2,407,744	45,638	23,745	14,591	43,689	129,563	Rayatwári... } Other Government... } Total, A. Alienated ... }	
...	50	2,301	...	47,910	299	497	2,369	238	3,403	...	
531	422	528	16	210,104	8,056	1,888	480	2,434	12,858	...	
6,542	34,348	39,380	674	2,665,758	53,993	26,130	17,440	48,261	145,824	Total.	
...	1,088	54	...	12,658	1,312	1,230	339	2,152	5,083	B.—Sind.	
...	186	1,365	...	4,056	325	418	63	93	904	Rayatwári... } Other Government... } Karáchi. Alienated ... }	
...	...	...	...	261	6	7	...	4	17	...
...	1,274	1,439	...	16,975	1,643	1,705	407	2,249	6,004	Total.	
...	5,428	5	1	8,545	2,217	3,019	2	4,518	9,756	Rayatwári... } Other Government... } Hyderabad. Alienated ... }	
...	1,466	...	...	1,946	111	208	3	244	566	...
...	6,894	5	1	10,491	2,328	3,227	5	4,762	10,322	Total.	
...	18,413	...	...	24,749	1,747	2,774	22	3,485	8,023	Rayatwári... } Other Government... } Sukkur. Alienated ... }
...	759	...	...	771	11	45	...	87	56	...
...	857	...	...	2,646	87	112	...	...	236	...
...	20,029	...	...	23,166	1,845	2,931	22	3,572	8,370	Total.
...	97,732	...	...	115,021	1,343	2,819	556	1,969	6,692	Rayatwári... } Other Government... } Lárkhána. Alienated ... }
...	840	...	...	899	1	264	...	...	265	...
...	423	...	...	495	2	37	...	8	47	...
...	98,995	...	...	116,415	1,351	3,120	556	1,977	7,004	Total.
...	24,752	...	156	70,574	345	1,891	6	118	2,300	Rayatwári... } Other Government... } Upper Sind Alienated ... } Frontier.	
...	315	...	...	1,193	1	791	...	...	2	...
...	25,067	...	156	71,772	346	2,683	6	118	791	Total.	
6	6	213	...	12,493	453	371	133	436	1,393	Rayatwári... } Other Government... } Thar and Párkar. Alienated ... }	
...	13	5,669	23	5,853	14	23	...	3	49	...	
...	...	6	...	192	2	1	...	22	25	...	
6	19	5,888	23	18,533	469	395	133	461	1,458	Total.	
6	147,419	272	157	241,040	7,422	12,154	1,058	12,673	33,312	Rayatwári... } Other Government... } Total, B. Alienated ... }	
...	1,798	7,054	23	11,579	352	751	68	96	1,267	...	
...	3,061	6	...	6,738	208	1,156	3	365	1,732	...	
6	152,273	7,332	180	262,357	7,932	14,061	1,129	13,139	36,311	Total.	
6,017	181,295	36,823	815	2,651,764	63,060	35,599	15,649	53,237	162,875	Rayatwári... } Other Government... } GRAND TOTAL. Alienated ... }	
...	1,943	9,355	23	59,489	651	1,249	2,437	334	4,670	...	
531	3,483	534	16	216,812	8,264	3,044	453	2,799	14,590	...	
6,548	186,626	46,712	854	2,928,115	61,975	10,191	18,599	61,400	182,135	Total.	

No.	District.	IV.—DRUGS AND NARCOTICS.							Total, IV.	Cardamom (Veleola, Elettaria, Carda- momum.	Chillies (Atropa), Capsicum frutescens
		Tobacco (Tambakhu), Nicotiana tabacum.	Bhang, Ganja, (Indian Hemp), Cannabis Sativa.	Oplum (Afu), Papaver Somni- ferum.	Coffee (Kopi Bund), Coffea Arabica.	Tea (Chaha), Theas- neusis.	Cinchona, Chinchona Officinalis.	Others.			
1		36	37	38	39	40	41	42	43	44	45
A.—BOMBAY PRESIDENCY PROPER.											
<i>I.—Gujarát.</i>											
1	Ahmedabad ...	{ Rayatwari ... 2,867 Other Government ... 95 Alienated ... ..	...	...	...	...	...	...	2,867 95 ..	...	1,655 222 1
	Total ...	2,962	...	...	...	...	...	...	2,962	...	1,878
2	Kaira... ..	{ Rayatwari ... 17,781 Other Government... 33 Alienated 80	...	...	...	...	...	...	17,781 33 80	...	64 3 9
	Total ...	17,894	...	...	...	...	...	...	17,894	...	666
3	Panch Mahals .	{ Rayatwari ... 90 Other Government .. 102 Alienated 35	...	...	...	...	...	...	90 102 35	...	296 160 41
	Total ...	227	...	...	...	...	...	...	227	...	483
4	Broach	{ Rayatwari ... 2,922 Other Government... .. Alienated ... ..	...	...	...	...	...	...	2,922 .. ..	...	190
	Total ...	2,922	...	...	...	...	...	...	2,922	...	190
5	Surat... ..	{ Rayatwari ... 608 Other Government... .. Alienated 14	...	...	...	3	...	...	611 .. 14	...	663 .. 50
	Total ...	622	...	...	...	3	...	...	625	...	745
<i>II.—Deccan.</i>											
6	Khándesh ...	{ Rayatwari ... 2,881 Other Government... .. Alienated 86	...	...	...	...	...	...	2,881 .. 86	...	7,500 .. 133
	Total ...	2,967	...	...	...	...	...	...	2,967	...	7,723
7	Násik... ..	{ Rayatwari ... 853 Other Government... .. Alienated 51	...	...	...	...	...	...	853 .. 51	...	3,311 .. 253
	Total ...	904	...	...	...	...	...	...	904	...	3,594
8	Ahmednagar ...	{ Rayatwari ... 3,223 Other Government... .. Alienated 358	120	...	...	...	...	7	3,350 .. 358	...	3,132 .. 349
	Total ...	3,581	120	...	...	...	...	7	3,708	...	3,481
9	Poona... ..	{ Rayatwari ... 1,017 Other Government... .. Alienated 115	...	...	6	...	...	2	1,025 .. 115	...	4,630 .. 1,542
	Total ...	1,132	...	...	6	...	...	2	1,140	...	6,172
10	Sholápur ...	{ Rayatwari ... 2,623 Other Government... .. Alienated 215	...	...	...	...	...	...	2,623 .. 215	...	5,330 .. 470
	Total ...	2,838	...	...	...	...	...	...	2,838	...	5,800
11	Sátára	{ Rayatwari ... 7,651 Other Government... .. Alienated 735	34	...	9	4	...	...	7,698 .. 735	...	8,878 .. 1,563
	Total ...	8,386	34	...	9	4	...	...	8,433	...	9,946
<i>III.—Karnátak.</i>											
12	Belgaum ...	{ Rayatwari ... 24,701 Other Government... .. Alienated 5,892	...	...	5	...	...	...	24,706 .. 5,892	...	12,033 .. 4,120
	Total ...	30,593	...	...	5	...	...	...	30,598	...	16,813
13	Bijápur	{ Rayatwari ... 1,286 Other Government... .. Alienated 60	...	...	...	...	...	...	1,286 .. 60	...	2,501 .. 231
	Total ...	1,346	...	...	...	...	...	...	1,346	...	3,032

V.—CONDIMENTS AND SPICES.

46	47	48	49	50	51	52	53	54	55	56	District.	No.
											A.—BOMBAY PRESIDENCY PROPER.	
											I.—Gujarát.	
28	399	...	12	33	...	837	Rayatwári... Other Government... Alienated ...	Ahmedabad.
...	9		
28	399	...	12	33	...	846	Total.	
40	12	1,313	...	...	2,464	9	217	Rayatwári... Other Government... Alienated ...	Kaira.
...	13		
1	25	...	...	93	1	...		
41	12	1,338	...	...	2,557	10	230	Total.	
4	6	2	57	...	43	Rayatwári... Other Government... Alienated ...	Panch Maháls.
...	4	6	...	46		
4	6	6	63	...	89	Total.	
8	9	...	3	13	...	...	10	Rayatwári... Other Government... Alienated ...	Broach.
...		
8	9	...	3	13	...	...	10	Total.	
156	150	...	1	9	...	7	261	Rayatwári... Other Government... Alienated ...	Surat.
...		
1	1	...	...	...	...	...	...
157	151	...	1	9	...	7	261	Total.	
											II.—Deccan.	
...	...	115	...	26	217	3,802	4,916	...	1,277	339	Rayatwári... Other Government... Alienated ...	Khándesh.
...		
...	...	19	...	26	...	222	...	...	...	86		
...	...	134	...	52	217	4,024	4,916	...	1,363	339	Total.	
6	...	63	2	13	...	9	20	...	13	1,879	Rayatwári... Other Government... Alienated ...	Násik.
...		
...	...	8	...	...	...	1	1	...	1	211		
6	...	71	2	13	...	10	21	...	14	2,090	Total.	
...	...	121	...	...	...	...	1	...	...	1	Rayatwári... Other Government... Alienated ...	Ahmednagar.
...		
...	...	121	...	...	...	...	1	...	...	1	Total.	
3	...	250	...	112	3	2	327	...	2	73	Rayatwári... Other Government... Alienated ...	Poona.
...		
1	...	256	...	9	...	2	26	...	...	1		
4	...	506	...	121	3	4	353	...	2	74	Total.	
...	...	166	1	521	...	...	71	...	12	3	Rayatwári... Other Government... Alienated ...	Sholápur.
...		
...	1	3	...	...	3	...	...	...
...	...	166	2	524	...	...	74	...	12	3	Total.	
54	...	261	4	4,928	222	5	1,543	...	13	13	Rayatwári... Other Government... Alienated ...	Sátára.
...		
30	...	30	...	861	11	...	404	...	3	...		
84	...	291	4	5,789	233	5	1,952	...	16	13	Total.	
											III.—Karnátak.	
2	...	122	6	260	39	...	189	...	...	106	Rayatwári... Other Government... Alienated ...	Belgaum.
...		
...	...	222	...	96	46	...	135	...	...	22		
2	...	344	6	356	85	...	324	...	...	128	Total.	
...	...	40	...	4	...	...	7	...	...	6	Rayatwári... Other Government... Alienated ...	Bijápur.
...		
...	1	...	...	2	...	...	2		
...	...	40	...	5	...	...	9	...	...	8	Total.	

No.	District.	IV.—DRUGS AND NARCOTICS—continued.							Total, IV.	Cardamom (Veleolu), Elettaria Carda- momum.	Chillies (Mirchya, Capsicum frutescens.
		Tobacco (Tambaku), Victoria tabacum.	Bhang, Ganja, (Indian Hemp), Cannabis Sativa.	Opium (Atu), Papaver Somni- ferum.	Coffee (Kopi Bund), Coffea Arabica.	Tea (Chaha), Theasi- nensis.	Chinchona, Cinchona Officinalis.	Others.			
1		36	37	38	39	40	41	42	43	44	45
A.—BOMBAY PRESIDENCY PROPER—continued.											
III.—Karnatak—continued.											
14	Dhárwár	{ Rayatwári ... 656 Other Government ... Alienated ... 19 Total ... 675	...	...	12	1	...	...	669	...	42,163
IV.—Konkan.											
15	Thána	{ Rayatwári ... 1 Other Government ... Alienated ... Total ... 1	...	...	1	...	...	...	2	...	435 31 7 473
16	Kolába	{ Rayatwári ... Other Government ... Alienated ... Total ...	...	...	...	...	...	...	...	...	30 10 1 50
17	Ratnágiri	{ Rayatwári ... Other Government ... Alienated ... Total ...	...	...	3	...	...	...	3	...	453 6 33 492
18	Kánara	{ Rayatwári ... Other Government ... Alienated ... Total ...	...	...	8	...	...	...	8	835	300
Total, A.		{ Rayatwári ... 69,160 Other Government ... 230 Alienated ... 7,660 Total ... 77,050	154	...	44	8	...	9	69,875 230 7,660 77,235	835	94,819 441 10,525 105,785
B.—Sind.											
19	Karáchi	{ Rayatwári ... 102 Other Government ... 2 Alienated ... Total ... 104	...	...	...	...	...	...	102 2 ...	...	133 2 1 141
20	Hyderabad	{ Rayatwári ... 4,530 Other Government ... Alienated ... 400 Total ... 4,930	...	...	...	...	...	1	4,531 400 4,931	...	330 60 410
21	Sukkur	{ Rayatwári ... 1,385 Other Government ... 10 Alienated ... 67 Total ... 1,462	...	...	...	...	...	6	1,391 10 67 1,468	...	252 1 1 254
22	Lárhána	{ Rayatwári ... 1,333 Other Government ... 1 Alienated ... 81 Total ... 1,415	83	...	...	...	...	...	1,416 1 81 1,498	...	...
23	Upper Sind Frontier.	{ Rayatwári ... 57 Other Government ... Alienated ... Total ... 57	...	...	...	...	...	...	57	...	8
24	Thar and Párkar.	{ Rayatwári ... 380 Other Government ... Alienated ... 30 Total ... 410	...	1	...	...	...	...	381 30 411	...	142 16 158
Total, B.		{ Rayatwári ... 7,787 Other Government ... 13 Alienated ... 574 Total ... 8,378	83	1	...	...	...	7	7,878 13 578 8,469	...	670 3 98 971
GRAND TOTAL...		{ Rayatwári ... 76,947 Other Government ... 243 Alienated ... 8,238 Total ... 85,428	237	1	44	8	...	16	77,253 243 8,238 85,734	835	95,689 444 10,623 106,756

Continued.

V.—CONDIMENTS AND SPICES—continued.

Ginger (A'le), Zingiber Officinale.	Black Pepper (Miri), Piper, nigrum.	Betel leaves (Pāno), Piper- betel.	Betel-nut (Supāri), Areca- Catechu.	Turmeric (Hialad), Curcuma longa.	Fennel (Bādī- shep), Pimpī- nella anisum.	Dill-seed (Bānt- shep), Anethum Sowa.	Coriander (Dhane), Coriand- rum Sativum.	Cumin (Jiri), Cuminum Cuminum.	Ajwan- seed (Ova), Ptychotus Ajowan.	Fennel- greek (Meth), Trigonella fennugræcum.	District.	No.
46	47	48	49	50	51	52	53	54	55	56	1	
											A.—BOMBAY PRESIDENCY	
											PROPER—continued.	
											III.—Karnātak—continued.	
3	...	1,233	442	73	...	1	175	194	Rayatwāri... Other Government... Alienated ...	Dhārwar. 14
...	2	104	82	...	...	...	2	...	...	...
3	2	1,337	474	73	...	1	177	...	...	194	Total.
											IV.—Konkan.	
223	1	217	8	26	262	Rayatwāri... Other Government... Alienated ...	Thāna. 15
...	...	...	...	...	...	...	6	...	...	...
223	1	217	8	26	...	...	268	...	...	...	Total.
...	...	12	323	1	44	Rayatwāri... Other Government... Alienated ...	Kolāba. 16
...		
...	...	12	328	1	...	...	44	...	...	...	Total.
1	5	2	856	7	Rayatwāri... Other Government... Alienated ...	Ratnāgiri. 17
...	...	...	188	...	...	...	...	...	...	...
1	5	2	1,046	7	...	...	...	...	...	...	Total.
2	1,683	174	12,283	48	1	Rayatwāri... Other Government... Alienated ...	Kānara. 18
...		
2	1,683	174	12,283	48	...	...	1	...	...	...	Total.
530	1,689	2,776	13,930	6,190	2,193	3,829	7,597	2,554	1,393	3,982	Rayatwāri... Other Government... Alienated ...	Total, A. 19
...	...	...	188	...	...	...	4	6	...	68	
83	2	639	35	997	82	225	579	93	91	236	Total.	
563	1,691	3,415	14,153	7,187	2,275	4,054	8,150	2,653	1,424	4,286	Total.	
											B.—Sind.	
...	1	3	35	Rayatwāri... Other Government... Alienated ...	Karāchi. 10
...	...	...	...	...	...	...	7	...	...	...
...	...	...	...	...	1	3	42	...	...	...	Total.
...	3	9	19	Rayatwāri... Other Government... Alienated ...	Hyderabad. 20
...	...	...	...	...	...	1	1	...	...	...
...	...	...	...	...	3	10	20	...	...	...	Total.
...	6	...	123	37	Rayatwāri... Other Government... Alienated ...	Sukkur. 21
...	...	...	...	...	...	...	2	...	...	...
...	...	...	...	...	6	...	132	37	...	...	Total.
...	58	1	2,151	150	1	...	Rayatwāri... Other Government... Alienated ...	Lārkhāna. 22
...		
...	...	...	...	...	58	1	2,151	150	1	...	Total.
...	2	...	623	1	...	1	Rayatwāri... Other Government... Alienated ...	Upper Sind Frontier. 23
...		
...	...	...	...	...	2	...	623	1	...	1	Total.
...	1	...	9	141	Rayatwāri... Other Government... Alienated ...	Thar and Pār- kar. 24
...	...	...	...	...	...	...	2	...	...	...
...	...	...	...	1	...	9	143	...	...	...	Total.
...	1	70	22	3,092	188	1	1	Rayatwāri... Other Government... Alienated ...	Total, B. 25
...	...	...	...	...	...	1	11	...	...	...
...	...	...	...	...	70	23	3,111	188	1	1	Total.
530	1,689	2,776	13,930	6,191	2,263	3,851	10,609	2,702	1,334	3,983	Rayatwāri... Other Government... Alienated ...	GRAND TOTAL. 26
...	...	...	188	...	...	...	15	6	...	68	
83	2	639	35	997	82	226	587	93	91	236	Total.	
563	1,691	3,415	14,153	7,188	2,345	4,077	11,201	2,841	1,425	4,287	Total.	

No.	District.	V.—CONDIMENTS AND SPICES—concluded.				VI.—STARCHES.			VII.—SUGARS.		
		Common mustard (Mohori), Sinapis Indica.	Garlic (Lansun), Allium Sativum.	Others.	Total, V.	Arrowroot Maranta Arundinacea, curcuma angustifolia, &c.	Others.	Total, VI.	Sugarcane (Us, Sherdi), Saccharum Officinatum.	Others.	Total, VII.
1		57	58	59	60	61	62	63	64	65	66
A.—BOMBAY PRESIDENCY											
PROPER.											
I.—Gujarát.											
1	Ahmedabad ...	{ Rayatwari ... 118	{ 55	{ 3	{ 3,140	{ ...	{ ...	{ ...	{ 501	{ ...	{ 501
		{ Other Government ... 246	{ 15	{ ...	{ 246	{ ...	{ ...	{ ...	{ 107	{ ...	{ 107
		{ Alienated ... 1	{ ...	{ ...	{ 1	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
	Total ...	118	70	3	3,387	...	...	...	608	...	608
2	Kaira ...	{ Rayatwari ... 130	{ 127	{ 248	{ 5,214	{ 37	{ ...	{ 37	{ 134	{ ...	{ 134
		{ Other Government ... 16	{ ...	{ ...	{ 16	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 2	{ ...	{ ...	{ 131	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
	Total ...	132	127	248	5,361	37	...	37	134	...	134
3	Panch Mahals ...	{ Rayatwari ... 2	{ 41	{ ...	{ 435	{ ...	{ ...	{ ...	{ 29	{ ...	{ 29
		{ Other Government ... 246	{ 21	{ ...	{ 246	{ ...	{ ...	{ ...	{ 6	{ ...	{ 6
		{ Alienated ... 34	{ ...	{ ...	{ 34	{ ...	{ ...	{ ...	{ 3	{ ...	{ 3
	Total ...	2	62	...	715	...	...	...	38	...	38
4	Broach ...	{ Rayatwari ... 7	{ 21	{ 14	{ 275	{ ...	{ ...	{ ...	{ 33	{ ...	{ 33
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
	Total ...	7	21	14	275	...	...	...	33	...	33
5	Surat ...	{ Rayatwari ... 156	{ 132	{ 15	{ 1,582	{ ...	{ 16	{ 16	{ 3,202	{ ...	{ 3,202
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 52	{ ...	{ ...	{ 52	{ ...	{ ...	{ ...	{ 58	{ ...	{ 58
	Total ...	156	132	15	1,634	...	16	16	3,350	...	3,350
II.—Deccan.											
6	Khándesh ...	{ Rayatwari ...	{ 146	{ ...	{ 18,428	{ ...	{ ...	{ ...	{ 979	{ ...	{ 979
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 47	{ ...	{ ...	{ 583	{ ...	{ ...	{ ...	{ 7	{ ...	{ 7
	Total ...	...	193	...	18,961	...	...	...	986	...	986
7	Násik ...	{ Rayatwari ... 135	{ 720	{ ...	{ 6,171	{ ...	{ 5	{ 5	{ 3,954	{ ...	{ 3,954
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 24	{ 75	{ ...	{ 604	{ ...	{ ...	{ ...	{ 514	{ ...	{ 514
	Total ...	159	795	...	6,775	...	5	5	4,468	...	4,468
8	Ahmednagar ...	{ Rayatwari ... 23	{ 125	{ ...	{ 3,403	{ ...	{ ...	{ ...	{ 1,305	{ ...	{ 1,305
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 4	{ ...	{ ...	{ 353	{ ...	{ ...	{ ...	{ 100	{ ...	{ 100
	Total ...	23	129	...	3,756	...	...	...	1,405	...	1,405
9	Poona ...	{ Rayatwari ... 15	{ 542	{ ...	{ 5,959	{ ...	{ 4	{ 4	{ 10,652	{ ...	{ 10,652
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 111	{ ...	{ ...	{ 1,948	{ ...	{ ...	{ ...	{ 2,083	{ ...	{ 2,083
	Total ...	15	653	...	7,907	...	4	4	12,735	...	12,735
10	Sholápur ...	{ Rayatwari ...	{ 156	{ 8	{ 6,268	{ ...	{ ...	{ ...	{ 1,484	{ ...	{ 1,484
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 10	{ ...	{ ...	{ 487	{ ...	{ ...	{ ...	{ 64	{ ...	{ 64
	Total ...	...	166	8	6,755	...	...	...	1,548	...	1,548
11	Sátára ...	{ Rayatwari ...	{ 890	{ ...	{ 15,816	{ ...	{ ...	{ ...	{ 9,381	{ ...	{ 9,381
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 47	{ ...	{ ...	{ 2,954	{ ...	{ ...	{ ...	{ 1,797	{ ...	{ 1,797
	Total ...	...	437	...	18,770	...	...	...	11,178	...	11,178
III.—Karnátak.											
12	Belgaum ...	{ Rayatwari ... 52	{ 1,702	{ ...	{ 15,171	{ ...	{ ...	{ ...	{ 6,417	{ ...	{ 6,417
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 2	{ 289	{ ...	{ 4,932	{ ...	{ ...	{ ...	{ 2,154	{ ...	{ 2,154
	Total ...	54	1,991	...	20,103	...	...	...	8,571	...	8,571
13	Bijápur ...	{ Rayatwari ... 2	{ 117	{ ...	{ 2,977	{ ...	{ ...	{ ...	{ 623	{ ...	{ 623
		{ Other Government ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...	{ ...
		{ Alienated ... 9	{ ...	{ ...	{ 245	{ ...	{ ...	{ ...	{ 44	{ ...	{ 44
	Total ...	2	126	...	3,222	...	...	...	667	...	667

VIII.—OIL-SEEDS.

Sesame (Til) Sesamum indicum.	Linseed (Alsi, Jवास) Linum usitatissimum.	Castor-oil seed (Erandi) Ricinus communis.	Safflower seed (Kardal) Carthamus tinctorius.	Rape-seed (Shiras) Brassica napus.	Niger-seed (Kihurasul) Guizotia Abysynica.	Ground-nut (Bhuinng) Arachis Hypogea.	Cocoanut (Kholere) Cocos nucifera.	District.	No.		
67	68	69	70	71	72	73	74	1			
19,716 18,619 57	2,043 794	17,888 5,573 55	2,036 286	855 402	.....	.....	...	A.—BOMBAY PRESIDENCY PROPER. I.—Gujarát. Rayatwári... } Ahmedabad. 1 Other Government } Alienated ... } Total. Rayatwári... } Kaira. 2 Other Government } Alienated ... } Total. Rayatwári... } Panch Maháls. 3 Other Government } Alienated ... } Total. Rayatwári... } Broach. 4 Other Government } Alienated ... } Total. Rayatwári... } Surat. 5 Other Government } Alienated ... } Total. II.—Deccan. Rayatwári... } Khándesh. 6 Other Government } Alienated ... } Total. Rayatwári... } Násik. 7 Other Government } Alienated ... } Total. Rayatwári... } Ahmednagar. 8 Other Government } Alienated ... } Total. Rayatwári... } Poona. 9 Other Government } Alienated ... } Total. Rayatwári... } Sholápur. 10 Other Government } Alienated ... } Total. Rayatwári... } Sátára. 11 Other Government } Alienated ... } Total. III.—Karnátak. Rayatwári... } Belgaum. 12 Other Government } Alienated ... } Total. Rayatwári... } Bijápur. 13 Other Government } Alienated ... } Total.	
38,422	2,837	23,516	2,322	1,347				
17,627 271 27	372	10,088 14 13	1,292	195				
17,925	372	10,115	1,232	195				
19,248 6,922 2,659	77	3,321 454 430	440 181 35				
28,829	77	4,205	...	656				
20,318 48	5,754 5	4				
20,366	...	5,759	4	...				
2,668 37	40	24,298 278	1	42	152	...				
2,705	40	24,576	...	1	42	160	...				
138,899 4,100	29,925 1,089	8,057 149	1,278 14	38	3,752 47	5,663 34	...				
142,999	31,014	8,206	1,292	38	3,799	5,697	...				
58,480 1,830	27,761 2,213	1,235 20	7,307 745	...	91,251 5,502	9,554 734	...				
60,310	29,974	1,255	8,052	...	96,753	10,288	...				
24,862 3,062	10,979 1,910	172 19	92,806 14,485	...	16,315 54	675 32	1				
27,924	12,889	191	107,291	...	16,369	707	1				
2,121 500	897 149	150 6	59,964 5,861	...	26,136 4,321	6,681 2,263	...				
2,621	1,046	156	65,825	...	30,457	8,944	...				
2,781 273	19,076 1,487	3,609 272	112,151 6,284	...	2,270 57	2,612 148	...				
3,054	20,563	3,881	117,435	...	2,327	2,760	...				
237 19	2,052 335	319 29	18,866 2,353	...	12,555 2,970	20,439 5,663	...				
256	2,387	348	21,219	...	15,525	26,102	...				
7,035 1,205	1,136 332	4,990 1,611	26,374 6,650	...	4,563 497	2,018 608	...				
8,240	1,468	6,601	33,024	...	5,060	2,626	...				
11,682 1,261	62,814 6,573	2,363 332	59,151 6,220	...	7,119 664	24 5	...				
12,943	69,387	2,695	65,371	...	7,783	29	...				

No.	District.	V.—CONDIMENTS AND SPICES—concluded.				VI.—STARCHES.			VII.—SUGARS.		
		Common mustard (Mohori) Sinapis Indica.	Garlic (Lasun) Allium Sativum.	Others.	Total, V.	Arrowroot Maranta Arundinacea, curcuma angustifolia, &c.	Others.	Total, VI.	Sugarcane (Us, Sherdi) Saccharum Officinarum.	Others.	Total, VII.
1		57	58	59	60	61	62	63	64	65	66
A.—BOMBAY PRESIDENCY											
PROPER—continued.											
III.—Karnátak—continued.											
14	Dhárwár	{ Rayatwári 94	2,421	...	46,799	...	...	...	3,394	...	3,394
		{ Other Government ... ..	...	...	1,840	...	...	...	363	...	363
		{ Alienated 6	...	...	...	...	...	...	...	...	...
		Total 100	2,421	...	48,639	...	...	...	3,777	...	3,777
IV.—Konkan.											
15	Thána	{ Rayatwári 4	2	...	1,178	...	...	...	673	...	673
		{ Other Government ... ..	...	...	81	...	...	...	...	...	...
		{ Alienated 1	...	...	14	...	...	...	...	...	...
		Total 5	2	...	1,223	...	...	...	673	...	673
16	Kolába	{ Rayatwári ... ..	...	1	425	...	...	...	32	...	33
		{ Other Government ... ..	...	...	10	...	...	...	8	...	8
		{ Alienated ... ..	...	...	1	...	...	...	2	...	2
		Total ... ..	...	1	436	...	...	...	42	...	42
17	Ratnágiri	{ Rayatwári 1	...	...	1,325	2	...	2	215	...	215
		{ Other Government ... ..	...	...	194	...	...	...	1	...	1
		{ Alienated ... ..	...	...	35	...	...	...	18	...	18
		Total 1	...	...	1,554	2	...	2	234	...	234
18	Kánara	{ Rayatwári	4	182	15,602	...	...	...	3,388	...	3,388
		{ Other Government ... ..	...	...	...	...	...	...	...	...	...
		{ Alienated ... ..	...	...	...	...	...	...	...	...	...
		Total	4	182	15,602	...	...	...	3,388	...	3,388
	Total, A.	{ Rayatwári 739	6,701	471	150,168	39	25	64	46,486	...	46,486
		{ Other Government	36	...	743	...	...	...	122	...	122
		{ Alienated 35	592	...	14,164	...	...	...	7,227	...	7,227
		Total 774	7,329	471	165,075	39	25	64	53,835	...	53,835
B.—Sind.											
19	Karáchi	{ Rayatwári 20	19	...	216	7	3	10	878	...	878
		{ Other Government	1	...	10	...	...	...	36	...	36
		{ Alienated	2	...	3	...	...	...	17	...	17
		Total 20	22	...	229	7	3	10	931	...	931
20	Hyderabad	{ Rayatwári 411	75	...	847	1	32	33	918	...	918
		{ Other Government ... ..	...	...	363	...	...	...	81	...	81
		{ Alienated 275	6	...	...	...	...	...	...	...	...
		Total 686	81	...	1,210	1	32	33	999	...	999
21	Sukkur	{ Rayatwári 67	33	1	519	...	11	11	388	...	388
		{ Other Government	4	...	7	...	...	...	...	...	...
		{ Alienated	14	...	22	...	5	5	78	...	18
		Total 71	47	1	548	...	16	16	406	...	406
22	Lárkhána	{ Rayatwári 1,725	76	4	4,166	...	...	...	167	...	167
		{ Other Government ... ..	...	...	...	...	...	...	...	...	...
		{ Alienated ... ..	...	...	...	...	...	...	...	...	...
		Total 1,725	76	4	4,166	...	...	...	167	...	167
23	Upper Sind Frontier.	{ Rayatwári	4	18	657	...	...	...	24	...	24
		{ Other Government ... ..	...	...	...	...	...	...	...	...	...
		{ Alienated ... ..	...	...	...	...	...	...	...	...	...
		Total	4	18	657	...	...	...	24	...	24
24	Thar and Párkar.	{ Rayatwári 15	22	...	330	...	18	18	169	...	169
		{ Other Government ... ..	...	...	2	...	1	1	...	...	...
		{ Alienated ... ..	...	...	16	...	...	...	...	...	...
		Total 15	22	...	348	...	19	19	109	...	109
	Total, B.	{ Rayatwári 2,238	229	23	6,735	8	64	72	2,484	...	2,484
		{ Other Government	1	...	19	...	1	1	36	...	36
		{ Alienated 275	22	...	404	...	5	5	116	...	116
		Total 2,517	252	23	7,158	8	70	78	2,636	...	2,636
	GRAND TOTAL...	{ Rayatwári 2,977	6,930	494	156,903	47	89	136	48,970	...	48,970
		{ Other Government	37	...	762	...	1	1	158	...	158
		{ Alienated 310	614	...	14,568	...	5	5	7,343	...	7,343
		Total 3,291	7,581	494	172,233	47	95	142	56,471	...	56,471

VIII.—OIL-SEEDS.								District.	No.
Sesame (Til) Sesamum Indicum.	Linseed (Ajal, Javan) Linum usitatissimum.	Castor-oil seed (Erandia) Ricinus communis.	Safflower seed (Kardai) Carthamus tinctorius.	Rape-seed (Shiras) Brassica napus.	Niger-seed (Kaurasni) Guizotia Abyssinica.	Ground-nut (Bhumug) Arachis Hypogea.	Cocconut (Kholere) coens nucifera.		
67	68	69	70	71	72	73	74	1	
								A.—BOMBAY PRESIDENCY PROPER—continued.	
								III.—Karnatak—continued.	
23,814	15,458	11,870	38,055	...	3,001	41	...	Rayatwari... ..	Dharwar. 14
676	695	310	1,313	...	216	...	...	Other Government. ...
24,490	16,153	12,180	39,368	...	3,217	41	...	Alienated	
								IV.—Konkan.	
2,232	2,014	2	55	11,755	Rayatwari... ..	Thana. 15
45	.....	...	.....	1	197	.....	...	Other Government. ...
2,297	...	2,014	2	56	12,051	...	...	Alienated
1,383	30	2	...	1,090	Rayatwari... ..	Kolaba. 16
2,680	.....	61	1	...	553	.....	...	Other Government. ...
4,067	...	91	3	...	1,648	...	...	Alienated
1,811	1	4,941	Rayatwari... ..	Ratnagiri. 17
44	.....	...	.....	...	167	.....	...	Other Government. ...
1,855	...	...	...	1	5,300	.....	...	Alienated
134	112	53	Rayatwari... ..	Kanara. 18
.....	.....	...	.....	...	.....	.....	...	Other Government. ...
134	...	112	...	...	53	...	...	Alienated
355,048	172,630	96,270	419,234	1,585	184,843	47,863	1	Rayatwari... ..	Total, A.
28,659	794	6,107	287	673	917	.....	...	Other Government. ...
15,730	14,783	3,524	42,925	86	14,624	9,495	...	Alienated	
399,437	188,207	105,901	462,496	2,294	200,384	57,358	1	Total.	
								B.—Sind.	
3,669	392	1,899	Rayatwari... ..	Karachi. 19
1,346	.....	11	.....	1,099	.....	.....	...	Other Government. ...
5,019	...	403	...	2,978	...	...	...	Alienated
24,337	7,968	59,985	...	Rayatwari... ..	Hyderabad. 20
1,454	.....	.....	.....	602	.....	5,568	...	Other Government. ...
25,791	...	...	...	8,570	...	65,553	...	Alienated
9,400	981	3,128	...	Rayatwari... ..	Sukkur. 21
1	.....	.....	.....	88	.....	19	...	Other Government. ...
10,644	...	...	...	1,120	...	4,693	...	Alienated
7,433	32,715	34,919	...	Rayatwari... ..	Larkhana. 22
1	.....	.....	.....	814	.....	96	...	Other Government. ...
7,459	...	...	...	39,255	...	36,120	...	Alienated
56,339	13,815	24,810	Rayatwari... ..	Upper Sind Frontier. 23
573	.....	.....	.....	9,470	104	.....	...	Other Government. ...
56,912	...	...	...	23,302	24,914	...	...	Alienated
6,013	1,070	Rayatwari... ..	Thar and Parkar. 24
97	.....	12,745	.....	3	.....	.....	...	Other Government. ...
6,222	...	12,745	...	1,079	...	...	...	Alienated
107,191	392	58,448	24,810	98,032	...	Rayatwari... ..	Total, B.
1,445	.....	12,756	.....	10,944	104	114	...	Other Government. ...
3,411	.....	...	.....	6,912	...	8,220	...	Alienated
112,047	...	13,148	...	76,304	24,914	106,366	...	Total.	
462,239	172,630	96,662	419,234	60,033	209,653	145,895	1	Rayatwari... ..	GRAND TOTAL.
30,104	794	18,863	287	11,617	917	114	...	Other Government. ...	
19,141	14,783	3,524	42,925	6,943	14,728	17,715	...	Alienated	
511,484	188,207	119,049	462,496	78,598	225,298	163,724	1	Total.	

No.	District.	VIII—OIL-SEEDS—concluded.		IX—DYES.					X.—FIBRES.	
		Others.	Total, VIII.	Indigo (Nil, Gull), Indigo feratinctoria.	Safflower (Kusumba), Carthamus persicus.	Morinda (Al, Surangi), Morinda citrifolia.	Others.	Total, IX.	Cotton (Kápus) Gossypium herbaceum.	Bombay Hemp (Sara, Far), Corchoria juncea.
1		75	76	77	78	79	80	81	82	83
A.—BOMBAY PRESIDENCY PROPER.										
<i>I.—Gujarát.</i>										
1	Ahmedabad ...	{ Rayatwári Other Government . Alienated	42,538 25,794 112	185	593 268 ...	... ... ...	... ... ...	778 268 ...	72,658 65,945 76	564 167 1
	Total		68,444	185	861	...	...	1,046	138,679	732
2	Kaira... ..	{ Rayatwári Other Government . Alienated	23,574 285 40	8	1,292 ... ...	... ... ...	... ... ...	1,300	3,568 ... 8	128 1 ...
	Total		29,899	8	1,292	...	...	1,300	3,576	129
3	Panch Maháls .	{ Rayatwári Other Government . Alienated	6,422 825 467	29,508 8,382 3,591	... ... ...	... ... ...	... ... ...	... ... ...	675 1,978 193	753 540 131
	Total	7,714	41,481	...	...	...	...	...	2,846	1,424
4	Broach	{ Rayatwári Other Government . Alienated	26,076 53 ...	3	1 ... ...	... ... ...	... ... ...	4	221,681 743 ...	12
	Total		26,129	3	1	...	...	4	222,424	12
5	Surat	{ Rayatwári Other Government . Alienated	27,201 ... 323	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	90,088 ... 2,129	1,347 ... 6
	Total		27,524	...	...	...	...	...	92,217	1,352
<i>II.—Deccan.</i>										
6	Khándesh	{ Rayatwári Other Government . Alienated	187,612 ... 5,433	303	2	9 ... ...	... ... ...	314	1,090,471 ... 28,132	1,557 ... 97
	Total		193,045	303	2	9	...	314	1,118,603	1,684
7	Násik	{ Rayatwári Other Government . Alienated	10 195,598 11,044	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	41,636 ... 1,036	2,884 ... 204
	Total	10	206,642	...	...	...	...	...	42,672	3,088
8	Ahmednagar ...	{ Rayatwári Other Government . Alienated	145,810 ... 19,562	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	92,017 ... 18,230	332 ... 11
	Total		165,372	...	...	...	...	...	110,247	343
9	Poona... ..	{ Rayatwári Other Government . Alienated	95,949 ... 13,100	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	230 ... 83	242 ... 103
	Total		109,049	...	...	...	...	...	313	345
10	Sholápur	{ Rayatwári Other Government . Alienated	142,499 ... 7,521	25 ... ...	... ... ...	21 ... 4	... ... ...	49 ... 4	2,739 ... 154	56
	Total		150,020	25	...	28	...	53	2,893	56
11	Sátára	{ Rayatwári Other Government . Alienated	54,468 ... 11,369	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	10,159 ... 329	1,217 ... 140
	Total		65,837	...	...	...	...	...	10,488	1,357
<i>III.—Karnátak.</i>										
12	Belgaum	{ Rayatwári Other Government . Alienated	46,116 ... 10,903	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	137,216 ... 21,732	1,985 ... 749
	Total		57,019	...	...	...	...	...	158,948	2,734
13	Bijápur	{ Rayatwári Other Government . Alienated	143,153 ... 15,055	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	366,741 ... 55,043	25 ... 2
	Total		158,208	...	...	...	...	...	421,784	27

Hemp (Ambóli Eheria), Hibiscus Canna- binus.	Jute (Corcho- rus).	Rhea.	Others.	Total, X.	XI.—Mis- CELLANEOUS.	Gross area cropped.	Deduct Area cropped more than once.	Remainder Net Area cropped.	District.	No.
84	85	86	87	88	89	90	91	92	1	
A.—BOMBAY PRESIDENCY PROPER.										
<i>I.—Gujarát.</i>										
24	73,246	347	582,383	11,574	570,809	Rayatwári... ..	Ahmedabad ... 1
...	66,112	2	411,382	46	411,336	Other Government. ...	
...	77	...	1,239	16	1,223	Alienated	
24	139,435	349	995,004	11,636	983,368	Total.	
2,678	6,374	49	626,779	21,068	605,711	Rayatwári... ..	Kaira ... 2
...	1	...	2,687	183	2,504	Other Government. ...	
...	10	...	3,681	285	3,396	Alienated	
2,680	6,385	49	633,147	21,536	611,611	Total.	
295	1,723	8	226,102	25,676	200,426	Rayatwári... ..	Panch Maháls . 3
136	2,654	...	81,435	6,703	77,732	Other Government. ...	
88	412	...	46,087	2,136	43,951	Alienated	
519	4,789	8	356,624	34,515	322,109	Total.	
8	221,701	63	556,723	429	556,294	Rayatwári	Broach ... 4
...	743	...	1,066	...	1,066	Other Government. ...	
...	Alienated	
8	222,444	63	557,789	429	557,360	Total.	
30	91,465	113	501,241	31,302	469,939	Rayatwári... ..	Surat ... 5
...	Other Government. ...	
...	2,134	...	10,065	116	9,949	Alienated	
30	93,599	113	511,306	31,418	479,888	Total.	
<i>II.—Deccan.</i>										
11,486	1,103,544	68	3,008,651	53,690	2,954,961	Rayatwári... ..	Khándesh ... 6
...	Other Government. ...	
366	23,595	5	76,596	636	75,960	Alienated	
11,852	1,132,139	73	3,085,247	54,326	3,030,921	Total.	
5,229	49,749	50	1,853,336	54,230	1,799,106	Rayatwári	Násik ... 7
...	Other Government. ...	
96	1,336	...	140,900	2,986	137,914	Alienated	
5,325	51,085	50	1,994,236	57,216	1,937,020	Total.	
21,197	113,546	60	2,398,087	45,210	2,352,877	Rayatwári... ..	Ahmednagar ... 3
...	Other Government. ...	
1,751	19,992	4	299,219	3,204	295,925	Alienated	
22,948	133,538	64	2,697,306	48,504	2,648,802	Total.	
6,531	6	...	1	7,010	307	1,620,768	81,274	1,539,494	Rayatwári... ..	Poona ... 9
...	Other Government. ...	
999	1,185	8	281,343	15,426	265,917	Alienated	
7,530	6	...	1	8,195	315	1,902,111	96,700	1,805,411	Total.	
7,515	10,310	64	1,905,916	24,609	1,881,307	Rayatwári... ..	Sholápur ... 10
...	Other Government. ...	
290	444	1	133,041	1,773	131,268	Alienated	
7,805	10,754	65	2,038,957	26,382	2,012,575	Total.	
6,586	17,962	278	1,384,942	102,138	1,282,804	Rayatwári	Sátára... 11
...	Other Government. ...	
1,064	1,533	32	234,544	25,134	209,410	Alienated	
7,650	19,495	310	1,619,486	127,272	1,492,214	Total.	
<i>III.—Karnátak.</i>										
5,262	1,44,463	18	1,395,259	27,757	1,367,502	Rayatwári... ..	Belgaum ... 12
...	Other Government. ...	
1,023	23,504	8	314,810	3,700	311,110	Alienated	
6,285	167,967	26	1,710,069	31,457	1,678,612	Total.	
8,640	375,406	17	2,568,352	8,793	2,559,559	Rayatwári... ..	Bijápur ... 13
...	Other Government. ...	
868	55,913	...	303,557	714	302,843	Alienated	
9,508	431,319	17	2,871,909	9,507	2,862,402	Total.	

No.	District.	VIII.—OIL-SKEDS—concluded.		IX.—DYES.					X.—FIBRES.		
		Others.	Total, VIII.	Indigo (Nil, Gull), Indigofera tinctoria.	Safflower (Kusumbha), Carthamus persicus.	Morinda (Al, Surangi), Morinda citrifolia.	Others.	Total, IX.	Cotton (Kápus), Gossypium herbaceum.	Bombay Hemp (Sati), Tag. Crotalaria Juncea.	
1		75	76	77	78	79	80	81	82	83	
A.—BOMBAY PRESIDENCY PROPER—continued.											
III.—Karnátak—continued.											
14	Dhárwár	{ Rayatwári ... Other Government ... Alienated ...	92,239 3,210 3,210	...	...	...	...	...	509,958 19,753 529,711	310 23 333
IV.—Konkan.											
15	Thána	{ Rayatwári ... Other Government ... Alienated ...	16,058 243 120	...	...	...	...	...	..... ..... .....	2,178 42 41
16	Kolába	{ Rayatwári ... Other Government ... Alienated ...	2,514 3,295 9	...	...	...	...	...	..... ..... .....	110 24 5
17	Ratnágiri	{ Rayatwári ... Other Government ... Alienated ...	6,804 211 192	...	...	...	...	...	..... ..... .....	1,714 26 5
18	Kánara	{ Rayatwári ... Other Government ... Alienated ...	503 ..... .....	...	...	...	1	1	..... ..... .....	87
TOTAL, A.		{ Rayatwári ... Other Government ... Alienated ...	6,606 825 467	1,284,220 38,262 101,584	524	1,888 263	33 4	1	2,446 268 4	2,639,637 68,666 146,893	15,591 800 1,520
Total		7,988	1,424,066	524	2,156	37	1	2,718	2,855,401	17,911	
B.—SIND.											
19	Karáchi	{ Rayatwári ... Other Government ... Alienated ...	11,897 936 62	17,857 3,362 76	...	...	...	...	195 5	53 1
20	Hyderabad	{ Rayatwári ... Other Government ... Alienated ...	359	92,849 7,624 7,624	4,063 44 44	...	9	4,072 44 4,116	88,521 4,495 93,016	245 10 255	
21	Sukkur	{ Rayatwári ... Other Government ... Alienated ...	13,509 107 2,841	667 1,017	...	125 ..... .....	...	792 1,017	3,249 359 216	11
22	Lárhána	{ Rayatwári ... Other Government ... Alienated ...	2,458 346	77,525 411 7,702	131	265 ..... .....	...	896	459 29 12	96 1
23	Upper Sind Frontier.	{ Rayatwári ... Other Government ... Alienated ...	94,984 9,470 694	6 ..... .....	...	...	6	1,030 ..... .....	..... ..... .....	24
24	Thar and Pákar.	{ Rayatwári ... Other Government ... Alienated ...	30,410 99 215	37,493 12,944 333	...	...	...	92,421 43 1,761	..... ..... .....	116 9
TOTAL, B.		{ Rayatwári ... Other Government ... Alienated ...	45,124 1,035 623	333,997 26,294 19,270	4,867 1,061	390	9	5,266 1,061	185,875 436 6,484	515 2 19	
Total		46,782	379,561	5,928	.....	390	9	6,327	192,795	566
GRAND TOTAL.											
Total		54,770	1,803,627	6,452	2,156	427	10	9,045	3,048,196	18,477	

concluded.

continued.					XI.—Miscellaneous.	Gross Area cropped.	Deduct Area cropped more than once.	Remainder Net Area cropped.	District.	No.
Temp (Ambul Sheria), Elibiscus Cannabis.	Jute (Corchorus).	Rben.	Othors.	Total, X.						
84	85	86	87	88	89	90	91	92	1	
A.—BOMBAY PRESIDENCY PROPER—continued.										
III.—Karnatak—continued.										
5,100	515,398	20	2,028,409	42,380	1,986,029	Rayatwari... } Dhárwár ... 14	
200	20,066	5	108,735	1,311	107,424	Other Government. } ...	
5,390	535,464	25	2,137,144	43,691	2,093,453	Alienated ... } ...	
IV.—Konkan.										
2,117	4,295	47	430,328	6,405	423,923	Rayatwari... } Thána ... 15	
39	81	...	8,938	40	8,898	Other Government. } ...	
90	134	...	14,076	77	13,999	Alienated ... } ...	
2,246	4,510	47	459,312	6,522	452,820	Total. } ...	
54	194	6	212,492	9,184	233,308	Rayatwari... } Kolába ... 16	
7	31	...	158,637	4,072	154,565	Other Government. } ...	
...	5	...	2,521	91	2,427	Alienated ... } ...	
61	230	6	403,650	13,350	330,300	Total. } ...	
2	1,716	131	145,630	9,352	136,308	Rayatwari... } Ratnágiri ... 17	
...	26	...	2,817	92	2,725	Other Government. } ...	
...	5	...	3,459	246	3,213	Alienated ... } ...	
2	1,747	131	151,936	9,690	142,246	Total. } ...	
80	167	50	218,796	12,094	236,702	Rayatwari... } Kánara ... 18	
...	Other Government. } ...	
...	Alienated ... } ...	
80	167	50	248,796	12,094	236,702	Total. } ...	
82,834	6	...	1	2,738,269	1,696	21,730,224	567,165	21,163,059	Rayatwari... } TOTAL, A.	
182	69,648	2	689,962	11,136	658,826	Other Government. } ...	
6,927	155,945	63	1,973,873	57,944	1,915,929	Alienated ... } ...	
89,943	6	...	1	2,963,262	1,761	24,374,059	636,245	23,737,814	Total. } ...	
B.—SIND.										
...	248	3,841	229,135	9,103	219,032	Rayatwari... } Karáchi ... 19	
...	6	20,129	67,077	1,155	65,922	Other Government. } ...	
...	38	2,534	19	2,515	Alienated ... } ...	
...	254	34,008	297,746	10,277	287,469	Total. } ...	
1	88,767	11,796	844,153	17,723	826,425	Rayatwari... } Hyderabad ... 20	
...	Other Government. } ...	
...	4,505	1,002	60,595	573	60,022	Alienated ... } ...	
1	93,272	12,798	913,748	18,301	895,447	Total. } ...	
...	3,260	802	265,923	22,141	213,782	Rayatwari... } Sukkur ... 21	
...	359	...	3,818	81	3,737	Other Government. } ...	
...	216	90	30,991	904	30,087	Alienated... } ...	
...	3,835	892	300,732	23,076	277,656	Total. } ...	
...	555	693	728,273	139,023	589,250	Rayatwari... } Lárkhána ... 22	
...	30	...	45.4	74	4,500	Other Government. } ...	
...	12	11	20,075	1,929	27,146	Alienated ... } ...	
...	597	704	761,922	141,026	620,896	Total. } ...	
...	1,054	124	403,905	36,884	367,021	Rayatwari... } Upper Sind 23	
...	19,363	1,471	17,892	Other Government. } Frontier.	
...	6,246	414	5,832	Alienated ... } ...	
...	1,054	124	429,520	38,763	390,751	Total. } ...	
1	92,538	607	467,759	22,494	445,265	Rayatwari... } Thar and Pár- 24	
...	43	...	281,450	4,319	277,131	Other Government. } kar.	
...	1,770	6	6,343	273	6,070	Alienated ... } ...	
1	94,351	673	755,552	27,086	728,466	Total. } ...	
2	186,422	17,923	2,938,144	217,373	2,690,775	Rayatwari... } TOTAL, B.	
...	438	20,129	376,288	7,050	369,238	Other Government. } ...	
...	6,503	1,147	114,784	4,112	149,672	Alienated ... } ...	
2	193,363	39,199	3,159,220	258,535	3,200,685	Total. } ...	
82,836	6	...	1	2,924,691	19,619	21,638,372	814,534	23,853,831	Rayatwari... } GRAND TOTAL.	
182	70,066	20,131	1,046,250	18,186	1,028,064	Other Government. } ...	
6,927	161,843	1,210	2,118,637	62,056	2,056,611	Alienated ... } ...	
89,945	6	...	1	3,156,625	40,960	27,833,279	834,780	26,938,499	Total. } ...	

No.	District.	Net area cropped.	AREA IRRIGATED FROM CANALS.		Area irrigated from wells.	Area irrigated from tanks.	Area irrigated from other sources.	Total area irrigated.
			From Government Canals.	From Private Canals.				
1		2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY PROPER.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>I.—Gujarát.</i>								
1	Ahmedabad ...	570,809	1,061	5	31,894	4,636	1,258	38,854
	{ Rayatwári ...	411,336	.....	.....	7,032	1,339	1,765	10,138
	{ Other Government ...	1,223	104	.....	161	...	2	267
	{ Alienated ...							
	Total ...	983,368	1,165	5	39,087	5,975	3,025	49,257
2	Kaira ...	605,711	2	15	31,031	1,033	2,246	84,427
	{ Rayatwári ...	2,504	.....	.....	...	...	44	44
	{ Other Government ...	3,396	.....	.....	418	...	.....	418
	{ Alienated ...							
	Total ...	611,611	2	15	31,449	1,033	2,390	31,889
3	Panch Maháls...	200,426	.....	.....	965	199	49	1,213
	{ Rayatwári ...	77,732	.....	.....	704	...	154	838
	{ Other Government ...	43,951	.....	.....	324	...	2	326
	{ Alienated ...							
	Total ...	322,103	.....	...	1,993	199	205	2,397
4	Broach...	556,294	.....	.....	744	32	.....	776
	{ Rayatwári ...	1,066	.....	.....	...	...	.....	.....
	{ Other Government ...	.....	.....	.....	...	...	.....	.....
	{ Alienated ...							
	Total ...	557,360	.....	...	744	32	...	776
5	Surat ...	469,939	.....	.....	6,814	9,902	173	16,119
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	9,949	.....	.....	91	117	4	212
	{ Alienated ...							
	Total ...	479,888	.....	...	6,435	10,019	177	16,631
<i>II.—Deccan.</i>								
6	Khándesh ...	2,954,961	10,402	887	30,136	9	412	41,846
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	75,960	14	229	387	...	390	1,020
	{ Alienated ...							
	Total ...	3,030,921	10,416	1,116	30,523	9	802	42,866
7	Násik ...	1,799,106	14,533	80	31,691	264	7,061	53,629
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	137,914	1,235	.....	2,678	...	575	4,488
	{ Alienated ...							
	Total ...	1,937,020	15,768	80	34,369	264	7,636	58,117
8	Ahmednagar ...	2,352,877	8,029	90	43,259	...	929	52,307
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	295,925	415	3	4,984	...	9	5,411
	{ Alienated ...							
	Total ...	2,648,802	8,444	93	48,243	...	938	57,718
9	Poona ...	1,539,494	36,923	2,343	39,982	2,314	2,805	64,367
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	265,917	5,238	419	8,199	21	324	14,201
	{ Alienated ...							
	Total ...	1,805,411	42,161	2,762	48,181	2,335	3,129	98,568
10	Shelápur ...	1,881,307	5,315	220	56,158	237	115	62,075
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	131,268	45	.....	4,066	...	19	4,130
	{ Alienated ...							
	Total ...	2,012,575	5,390	220	60,224	237	134	66,205
11	Sátára ...	1,282,804	7,410	.....	48,822	46	21,943	78,221
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	209,410	368	.....	7,686	1	7,585	15,590
	{ Alienated ...							
	Total ...	1,492,214	7,778	...	56,458	47	29,528	93,811
<i>III.—Karnátak.</i>								
12	Belgaum ...	1,367,502	5,256	.....	22,985	8,238	5,208	41,667
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	311,110	3,021	.....	7,689	118	747	11,575
	{ Alienated ...							
	Total ...	1,678,612	8,277	...	30,674	8,356	5,955	53,262
13	Bijápur ...	2,559,559	29	308	11,906	184	603	13,030
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	302,843	.....	38	1,021	...	120	1,179
	{ Alienated ...							
	Total ...	2,862,402	29	346	12,927	184	723	14,209
14	Dhárwár ...	1,986,029	5,661	264	2,397	64,537	3,782	76,641
	{ Rayatwári ...	.....	.....	.....	...	...	.....	.....
	{ Other Government ...	107,424	201	.....	396	7,262	427	8,286
	{ Alienated ...							
	Total ...	2,093,453	5,862	264	2,793	71,799	4,209	84,927

902-1903.

CROPPING OF IRRIGATED AREA.

Wheat.	Rice.	Other Cereals and Pulses.	Sugarcane.	Other food crops.	Non-food crops.	Fodder crops.	Total.	Deduct area cropped with irrigation more than once.	Balance net irrigated area.
9	10	11	12	13	14	15	16	17	18
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
13,050	6,045	12,944	501	3,792	2,592	383	39,307	453	38,854
6,129	1,428	1,679	107	605	50	145	10,141	5	10,136
87	100	19	.....	34	9	21	270	3	267
19,266	7,571	14,642	608	4,431	2,651	549	49,718	461	49,257
7,670	1,260	4,644	134	3,082	18,071	693	35,554	1,127	34,427
.....	.....	30	.....	14	.....	.....	44	.....	44
117	9	65	.....	117	113	.....	421	3	418
7,787	1,269	4,739	134	3,213	18,184	693	36,019	1,130	34,889
258	202	43	29	489	190	5	1,216	3	1,213
346	.....	139	6	231	108	28	858	.....	858
109	.....	6	8	197	11	.....	320	.....	320
713	202	188	38	917	309	33	2,400	3	2,397
.....	32	20	33	515	184	.....	784	8	776
.....
.....
...	32	20	33	515	184	...	784	8	776
119	9,842	376	3,292	2,246	1,239	1	17,115	606	16,509
.....
.....	119	.....	58	16	19	.....	212	.....	212
119	9,961	376	3,350	2,262	1,258	1	17,327	606	16,631
15,913	1,236	6,575	979	7,076	13,834	96	45,709	3,863	41,846
.....
264	7	95	7	540	110	.....	1,023	3	1,020
16,177	1,243	6,670	986	7,616	13,944	96	46,732	3,866	42,866
18,778	1,613	14,512	3,933	6,683	14,978	930	61,427	7,798	53,629
.....
1,108	148	1,048	492	862	1,411	61	5,130	612	4,518
19,886	1,761	15,560	4,425	7,545	16,389	991	66,557	8,440	58,117
14,803	80	32,140	1,168	4,387	4,918	1,072	58,598	6,291	52,307
.....
1,552	12	3,078	100	463	563	52	5,818	407	5,411
16,355	92	35,216	1,268	4,850	5,511	1,124	64,416	6,608	57,718
12,772	978	51,997	10,588	12,449	8,976	813	98,603	14,236	84,367
.....
1,977	84	7,013	2,083	3,535	1,345	55	16,092	1,891	14,201
14,749	1,062	59,010	12,671	15,984	10,321	898	114,695	16,127	98,568
17,975	1,310	41,321	1,484	10,276	8,158	614	81,168	19,093	62,075
.....
1,046	98	2,986	64	839	590	2	5,625	1,495	4,130
19,021	1,438	44,307	1,548	11,115	8,748	616	86,793	20,588	66,205
16,968	6,813	30,494	9,343	8,202	23,154	372	95,316	17,125	78,221
.....
3,930	2,231	4,088	1,784	1,280	4,413	54	17,830	2,210	15,620
20,898	9,094	34,582	11,127	9,482	27,567	426	113,176	19,365	93,811
2,913	10,450	15,138	6,399	5,593	6,333	561	47,387	5,700	41,687
.....
1,084	282	5,141	2,154	1,887	2,392	112	13,052	1,477	11,575
3,937	10,732	20,279	8,553	7,480	8,725	673	60,499	7,177	53,322
4,002	380	3,296	623	3,685	2,391	593	14,970	1,910	13,060
.....
305	65	325	44	412	166	80	1,397	218	1,179
4,307	445	3,621	667	4,097	2,557	673	16,367	2,158	14,209
18	67,437	320	3,376	3,171	2,902	12	77,296	595	76,701
.....
.....	7,485	11	379	212	207	.....	8,294	8	8,286
18	74,922	331	3,755	3,333	3,109	12	85,530	603	84,927

No.	District.	Net area cropped.	AREA IRRIGATED FROM CANALS.		Area irrigated from wells.	Area irrigated from tanks.	Area irrigated from other sources.	Total area irrigated.
			From Government Canals.	From Private Canals.				
1		2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY PROPER—		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>continued.</i>								
<i>IV.—Konkan.</i>								
15	Thána ...	{ Rayatwári ... 429,023 Other Government ... 8,898 Alienated ... 13,999 Total ... 452,820	{	{	{ 5,098 5,098	{ 1 1	{ 892 6 15 913	{ 5,991 6 15 6,012
16	Kolába ...	{ Rayatwári ... 233,308 Other Government ... 154,565 Alienated ... 2,427 Total ... 390,300	{	{	{ 1,355 1,355	{ 15 15	{ 382 21 19 422	{ 1,752 21 19 1,792
17	Ratnágiri ...	{ Rayatwári ... 136,308 Other Government ... 2,725 Alienated ... 3,213 Total ... 142,246	{	{	{ 3,838 194 64 4,096	{ 511 ... 123 634	{ 4,385 45 147 4,577	{ 8,832 239 334 9,405
18	Kánara... ..	{ Rayatwári ... 236,702 Other Government Alienated Total ... 236,702	{	{	{ 1,806 1,211 ... 1,211	{ 2,461 2,461	{ 14,028 14,028	{ 19,506 19,506
Total, A. ...		{ Rayatwári ... 21,163,059 Other Government ... 658,826 Alienated ... 1,915,929 Total ... 23,737,814	{	{	{ 369,816 7,930 38,114 415,860	{ 94,619 1,339 7,642 103,600	{ 66,371 2,035 10,385 78,791	{ 631,573 11,304 67,471 710,348
B.—SIND.								
19	Karáchi ...	{ Rayatwári... 219,032 Other Government ... 65,922 Alienated ... 2,515 Total ... 287,469	{ 41,894 948 280 43,122	{ 123,592 4,062 1,467 129,121	{ 63 347 ... 415	{ 20,510	{ 15,089 5,212 209 20,510	{ 180,643 10,569 1,056 193,169
20	Hyderabad ...	{ Rayatwári ... 826,425 Other Government Alienated ... 69,022 Total ... 895,447	{ 757,261 58,092 815,353	{ 415 415	{ 15,190 ... 889 16,079	{ 25,701	{ 18,953 ... 6,748 25,701	{ 791,819 ... 65,729 857,548
21	Sukkur ...	{ Rayatwári ... 243,782 Other Government ... 3,787 Alienated ... 30,087 Total ... 277,656	{ 51,162 5,756 56,918	{ 147,227 19,850 167,077	{ 15,231 17 1,093 16,341	{ 22,356	{ 17,696 1,826 3,034 22,356	{ 231,316 1,643 29,733 262,692
22	Lárkhána ...	{ Rayatwári ... 589,250 Other Government ... 4,500 Alienated ... 27,146 Total ... 620,896	{ 131,897 1,655 133,552	{ 327,160 15,460 342,620	{ 7,341 ... 16 7,357	{ 37,603	{ 32,668 4,500 435 37,603	{ 499,066 4,500 17,566 521,132
23	Upper Sind Frontier.	{ Rayatwári ... 367,021 Other Government ... 17,898 Alienated ... 5,832 Total ... 390,751	{ 349,656 17,772 5,832 373,260	{	{ 528 528	{ 14 14	{ 15,146 15,146	{ 365,344 17,772 5,832 388,948
24	Thar and Párkar.	{ Rayatwári ... 445,265 Other Government ... 277,131 Alienated ... 6,070 Total ... 728,466	{ 442,174 215 6,031 448,420	{	{ 23 5 ... 28	{	{	{ 442,197 220 6,031 448,448
Total, B. ...		{ Rayatwári ... 2,690,775 Other Government ... 369,238 Alienated ... 140,072 Total ... 3,200,685	{ 1,774,044 18,935 77,646 1,870,625	{ 598,394 4,062 36,777 639,233	{ 38,381 369 1,998 40,748	{ 14 14	{ 99,552 11,338 10,426 121,316	{ 2,510,385 34,704 126,847 2,671,936
Grand Total ...		{ Rayatwári ... 23,853,834 Other Government ... 1,028,064 Alienated ... 2,056,601 Total ... 26,938,499	{ 1,863,695 18,935 68,287 1,975,917	{ 604,510 4,062 37,466 646,038	{ 408,197 8,299 40,112 456,608	{ 94,633 1,339 7,642 103,614	{ 165,923 13,373 20,811 200,107	{ 3,141,958 46,008 194,318 3,382,284

1902-1903—concluded.

CROPPING OF IRRIGATED AREA.

Wheat.	Rice.	Other Cereals and Pulses.	Sugarcane.	Other food crops.	Non-food crops.	Folder crops.	Total.	Product area cropped with irrigation more than once.	Balance not irrigated area.
9	10	11	12	13	14	15	16	17	18
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
.....	.....	.....	670	5,141	643	193	6,647	650	5,991
.....	.....	.....	.....	6	.....	.....	6	.....	8
.....	.....	.....	.....	70	.....	.....	70	.....	15
...	.....	.....	670	5,217	643	193	6,723	711	6,012
.....	.....	.....	22	1,677	53	.....	1,752	.....	1,752
.....	.....	.....	.....	20	1	.....	21	.....	21
.....	.....	.....	1	18	.....	.....	19	.....	19
...	.....	.....	23	1,715	54	.....	1,792	.....	1,792
.....	2,984	1,163	193	3,579	927	.....	8,846	14	8,832
.....	22	12	1	200	6	.....	241	2	239
.....	171	42	18	68	35	.....	334	.....	334
...	3,177	1,217	212	3,847	968	.....	9,421	16	9,405
.....	12,795	456	2,593	1,890	1,780	.....	19,514	8	19,506
.....
.....
...	12,795	456	2,593	1,890	1,780	.....	19,514	8	19,506
125,239	123,487	215,439	45,360	83,933	111,353	6,868	711,179	79,606	631,573
6,475	1,448	1,860	114	1,076	165	173	11,311	7	11,304
11,579	10,861	23,915	7,187	10,550	11,884	437	75,913	8,442	67,471
143,293	135,796	241,214	52,661	95,559	122,902	6,978	798,403	88,055	710,348
2,767	129,796	40,658	857	2,518	9,960	16	180,572	5,929	180,643
489	9,005	1,044	25	181	188	12	10,914	375	10,539
171	1,168	585	17	20	11	.....	1,972	18	1,956
3,427	139,969	42,287	899	2,719	10,159	28	190,488	6,320	193,163
56,830	162,961	405,154	918	13,708	167,254	11,735	808,590	16,741	791,849
.....
2,594	19,992	32,044	81	1,117	9,417	1,000	66,215	516	65,729
59,424	182,953	437,198	999	14,825	166,671	12,735	874,805	17,257	857,548
38,658	42,814	145,461	383	8,603	17,055	165	253,144	21,823	231,316
361	.....	935	.....	18	360	.....	1,674	31	1,643
6,139	3,892	16,226	18	237	4,119	6	30,637	904	29,733
45,158	46,706	162,622	406	8,858	21,534	171	285,455	22,763	262,692
75,643	242,455	255,637	167	8,478	53,425	507	636,312	137,210	499,067
1,644	.....	2,223	.....	266	441	.....	4,574	74	4,500
382	3,205	9,876	.....	48	5,543	.....	19,054	1,498	17,566
77,669	245,660	267,736	167	8,792	59,409	507	659,940	138,808	521,132
16,112	37,506	250,828	25	2,979	94,762	6	402,218	36,874	365,344
103	307	9,380	.....	2	9,451	.....	19,243	1,471	17,772
.....	530	4,231	.....	791	694	.....	6,246	414	5,832
16,215	33,343	264,439	25	3,772	104,907	6	427,707	38,750	388,918
90,589	131,903	110,392	109	1,586	129,275	791	464,635	22,431	442,197
67	.....	127	.....	9	45	.....	243	28	220
752	1,502	1,897	.....	41	2,106	6	6,304	273	6,031
91,408	133,405	112,406	109	1,636	131,426	797	471,187	22,739	448,418
280,599	747,435	1,208,120	2,464	37,572	461,731	13,220	2,751,441	211,056	2,540,385
2,664	9,312	13,709	25	476	10,465	12	3,683	1,979	3,470
10,038	30,289	64,859	116	2,254	21,890	1,022	1,0453	3,611	126,847
293,301	787,036	1,286,688	2,605	40,602	494,106	14,244	2,918,582	246,646	2,671,936
405,838	870,922	1,423,559	47,824	121,805	573,084	19,558	3,464,620	320,662	3,143,958
9,139	10,760	15,569	139	1,552	10,650	115	47,994	1,986	46,008
21,617	41,150	88,774	7,303	12,804	33,274	1,440	206,371	12,953	194,318
436,594	922,832	1,527,902	55,266	136,161	617,008	21,222	3,716,955	334,701	3,382,254

No.	District.	WELLS, BUDKIS (RIVER SIDE WELLS) AND THE LIKS								TANKS			
		For Irrigation.		For drinking supply of human beings, but not for irrigation.		For cattle and washing and other purposes, but not for irrigation or drinking supply of human beings.		In disuse.		For Irrigation.		For drinking supply of human beings.	
		Pakka.	Kacha.	Pakka.	Kacha.	Pakka.	Kacha.	Fallen in or in dis-repair.	Other causes.	Pakka.	Kacha.	Pakka.	Kacha.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
BOMBAY PRESIDENCY.													
<i>I.—Gujarát.</i>													
1	Ahmedabad	12,237	3,382	1,980	187	686	57	1,592	112	11	1,084	6	362
2	Kaira	9,957	1,111	2,027	84	523	31	1,249	154	19	1,306	3	34
3	Panch Maháls	975	1,739	823	1,374	134	89	471	66	...	2	6	44
4	Broach	1,061	112	1,918	43	1,240	160	438	67	...	103	...	22
5	Surat	6,566	538	6,231	923	1,638	510	867	254	4	1,046	7	221
<i>II.—Deccan.</i>													
6	Khánde.sh	23,111	3,899	26,022	1,050	643	107	3,405	465	10	1	12	9
7	Násik	14,883	6,610	4,952	1,365	451	149	2,028	544	2	6	30	9
8	Ahmednagar	25,420	4,381	3,622	588	406	41	3,273	679	1	...	4	5
9	Poona	17,046	5,455	3,748	706	336	162	3,811	914	15	15	30	20
10	Sholápur	7,628	13,213	2,926	494	259	150	3,166	436	7	3	4	4
11	Sátára	9,646	16,940	4,365	1,009	115	147	3,128	578	9	9	36	15
<i>III.—Karnátak.</i>													
12	Belgaum	2,147	10,638	3,524	2,076	539	553	1,717	332	53	1,087	35	125
13	Bijápur... ..	1,284	5,674	1,421	1,118	356	368	1,426	203	9	4	11	75
14	Dhárwár	1,558	3,113	1,957	2,149	1,425	2,652	1,852	271	425	2,369	377	705
<i>IV.—Konkan.</i>													
15	Thána	2,484	2,453	5,748	2,907	263	262	170	85	4	19	13	33
16	Kolába	1,147	384	3,335	2,133	145	227	159	65	3	1	20	123
17	Ratnágiri	2,552	3,241	3,906	3,412	180	1,083	394	120	27	42	130	41
18	Kánara	7,163	10,296	7,853	13,006	306	1,264	2,002	605	278	5,283	144	471
	Total ...	146,865	93,179	86,373	34,624	9,645	8,012	31,148	5,950	877	12,370	868	2,323

Water Supply, 1902-1903.

				OTHER SOURCES.									
For cattle and washing and other purposes, but not for irrigation or drinking supply of human beings.		In disuse.		For Irrigation.		For drinking supply of human beings.		For cattle and washing and other purposes, but not for irrigation or drinking supply of human beings.		In disuse.		District.	No.
Pakka.	Kacha.	Fallen in or in dis-repair.	Other causes.	Pakka.	Kacha.	Pakka.	Kacha.	Pakka.	Kacha.	Fallen in or in dis-repair.	Other causes.		
15	16	17	18	19	20	21	22	23	24	25	26	2	1
BOMBAY PRESIDENCY.													
<i>I.—Gujarát.</i>													
20	2,258	169	78	52	107	1	20	1	79	6	23	Ahmedabad	1
95	3,243	88	9	10	46	2	50	3	96	19	21	Kaira	2
15	789	35	5	...	...	...	73	...	814	15	6	Panch Maháls	3
7	2,264	58	2	...	1	2	1	1	89	3	61	Broach	4
3	555	28	15	...	44	...	81	...	540	9	20	Surat	5
<i>II.—Deccan.</i>													
46	47	7	13	69	55	16	10	22	185	15	20	Khándeesh	6
33	85	14	5	189	296	487	1,026	209	72	31	58	Násik	7
17	69	15	1	9	209	3,371	39	183	164	272	153	Ahmednagar	8
23	127	57	8	28	260	643	177	146	275	42	263	Poona	9
25	167	18	17	9	80	54	9	55	46	22	70	Sholápur	10
28	88	13	6	112	6,435	240	558	28	486	34	37	Sátára	11
<i>III.—Karnátak.</i>													
28	557	55	15	1	176	24	88	3	207	50	8	Belgaum	12
13	229	25	5	...	11	1	13	5	49	1	3	Bijápur	13
358	2,648	235	64	12	18	12	77	10	321	6	44	Dhárwár	14
<i>IV.—Konkan.</i>													
48	1,010	24	37	5	5	24	35	126	1,079	21	93	Thána	15
36	661	42	19	...	11	37	458	12	490	7	53	Kolába	16
173	59	88	6	57	294	25	196	11	156	11	7	Ratnágiri	17
163	1,848	416	175	128	1,289	64	298	22	728	83	207	Kánara	18
1,141	16,702	1,287	480	681	9,337	5,001	3,207	837	5,876	647	1,147	Total.	

Accompaniment A to Agricultural Return No. II.

Details of "Current Fallow," 1902-1903.

No.	District.	True fallow, i. e., customary fallow in rotation.	Grass lands, i. e., number or parts of number set apart for grass and never own.	Grass bound or prickly-pear bound lands.	Shindid or rab lands.	Land unsown owing to unseasonable or deficient rainfall.	Land left unsown for miscellaneous reasons.	Total fallow Column 8 of Agricultural Return No. II.
1	2	3	4	5	6	7	8	9
BOMBAY PRESIDENCY PROPER.								
<i>I.—Gujarāt.</i>								
1	Ahmedabad...	Rayatwari ... 725 Other Government ... Alienated ... 119 Total ... 843	6,557 37,363 43,820	106 1,128 1 1,235	..... ..... ..... .....	72,877 246,337 478 319,692	68,873 163,269 77 221,719	139,639 447,997 674 587,309
2	Kaira ...	Rayatwari ... 2,050 Other Government ... Alienated ... Total ... 2,050	23,533 100 23,633	8,885 8,885	..... ..... ..... 6	43,510 642 250 44,402	36,043 149 37,092	111,927 813 499 113,068
3	Panch Mahals {	Rayatwari ... 506 Other Government ... 6 Alienated ... Total ... 511	183 1,217 100 1,529	622 700 6 1,328	..... ..... ..... .....	12,151 15,644 7,032 35,427	79,940 117,450 60,511 257,911	63,401 135,046 68,259 296,706
4	Broach ...	Rayatwari ... 24,082 Other Government ... 12 Alienated ... Total ... 24,094	38,370 65 38,335	62 52	..... ..... ..... 21	5,558 5,558	19,820 18,829	66,912 77 86,889
5	Surat ...	Rayatwari ... 110,134 Other Government ... Alienated ... 3,385 Total ... 113,519	130,200 3,404 133,604	563 563	..... ..... ..... 27	1,283 33 1,315	22,066 73 22,129	264,262 8,994 271,156
<i>II.—Deccan.</i>								
6	Khándeash ...	Rayatwari ... 1,060 Other Government ... Alienated ... 358 Total ... 1,418	7,019 441 7,460	2,409 324 2,733	..... ..... ..... 15	2,656 131 2,792	162,257 11,992 174,249	175,416 13,251 188,667
7	Násik ...	Rayatwari ... 153,007 Other Government ... Alienated ... 9,572 Total ... 162,579	68,528 3,726 62,252	4,345 390 4,725	2,443 87 2,530	23,345 1,682 25,027	160,703 17,323 178,026	402,369 32,770 435,139
8	Abmednagar {	Rayatwari ... 72,937 Other Government ... Alienated ... 4,185 Total ... 77,142	54,889 8,967 63,856	4,934 6,024 10,958	..... ..... 16 106	30,372 992 31,364	226,857 54,731 281,588	390,039 74,916 465,014
9	Poona ...	Rayatwari ... 196,101 Other Government ... Alienated ... 30,447 Total ... 226,548	136,739 35,091 171,830	29,419 3,982 33,401	14,333 1,730 16,068	43,870 7,946 51,816	144,009 36,035 180,044	564,478 115,231 679,707
10	Sholápur ...	Rayatwari ... 85,661 Other Government ... Alienated ... 3,193 Total ... 98,844	118,693 4,203 122,986	56,707 1,499 58,206	2,290 107 2,397	33,166 5,551 38,717	112,961 15,204 128,165	419,523 29,847 449,375
11	Sátára ...	Rayatwari ... 190,420 Other Government ... Alienated ... 65,579 Total ... 255,999	228,263 50,408 278,691	13,662 2,443 16,095	1,037 1,037	10,010 3,301 13,311	52,724 9,424 62,148	406,126 131,155 627,281
<i>III.—Karnátak.</i>								
12	Belgaum ...	Rayatwari ... 87,069 Other Government ... Alienated ... 26,892 Total ... 123,461	85,839 28,394 114,033	24,029 21,037 45,965	..... ..... ..... .....	18,308 7,797 26,105	101,157 47,517 148,674	326,201 132,037 458,238
13	Bijápur ...	Rayatwari ... 7,982 Other Government ... Alienated ... 960 Total ... 8,882	53,059 5,502 58,561	71,931 17,306 92,238	..... ..... ..... .....	42,850 5,879 48,729	74,874 19,783 93,657	253,747 43,870 302,117
14	Dhárwár ...	Rayatwari ... 326 Other Government ... Alienated ... 6 Total ... 332	93,800 15,640 109,440	10,128 1,114 11,242	..... ..... ..... .....	14,039 1,667 15,606	93,420 16,663 110,083	216,713 35,019 251,732
<i>IV.—Konkan.</i>								
15	Thána ...	Rayatwari ... 102,522 Other Government ... 1,041 Alienated ... 1,793 Total ... 105,356	108,766 603 19,966 129,340	35,046 8,198 7,647 45,879	179,977 2,148 4,250 186,375	5,711 10 5,721	28,621 498 293 29,415	460,649 7,441 33,969 502,066
16	Kolába ...	Rayatwari ... 76,294 Other Government ... 127,243 Alienated ... 1,041 Total ... 204,578	51,127 5,081 952 57,110	3,809 3,108 6,917	48,889 26,022 660 75,570	479 4 482	11,046 2,045 77 14,068	191,641 164,349 2,734 358,725
17	Ratnágiri ...	Rayatwari ... 110,624 Other Government ... 4,503 Alienated ... 1,234 Total ... 116,361	5,929 14 5,943	1,584 1,584	46,405 279 263 47,007	668 666	14,414 87 196 14,687	179,082 4,843 1,843 186,248
18	Kánara ...	Rayatwari ... 1,019 Other Government ... Alienated ... Total ... 1,019	34,518 34,518	1,509 1,509	..... ..... ..... 4	1,247 1,247	62,993 62,993	101,290 101,290
Total		Rayatwari ... 1,242,529 Other Government ... 132,804 Alienated ... 148,203 GRAND TOTAL ... 1,523,536	1,235,729 44,229 176,984 1,456,941	269,840 8,122 62,063 340,625	295,601 28,449 7,113 331,163	862,096 284,249 43,258 667,977	1,467,180 284,249 289,067 2,040,496	4,872,975 700,475 727,258 6,360,738

Accompaniment A to Agricultural Return No. III.

Number of Principal fruit-bearing trees, 1902-1903.

No.	District.	Mango.	Tamarind.	Jack.	Cocoanut.	Toddy-palm.	Date-palm.
1	2	3	4	5	6	7	8
A.—BOMBAY PRESIDENCY.							
I.—Gujarát.							
1	Ahmedabad...	59,779	10,328	...	33	54	2,124
2	Kaira ...	143,041	21,783	...	...	7	...
3	Panch Maháls ...	48,074	6,517	...	...	118,364	101
4	Broach ...	20,285	5,109	3	132	35,360	1,119
5	Surat ...	199,035	61,916	5,097	11,124	74,592	456,090
	Total ...	470,214	105,653	5,100	11,289	228,377	459,434
II.—Deccan.							
6	Khándesh ...	207,093	14,705	...	164	288	2,102
7	Násik ...	226,524	11,480	590	250	2,134	33,719
8	Ahmednagar ...	83,518	14,078	22	254	24	2,766
9	Poona ...	152,581	11,698	1,265	1,157	122	41,996
10	Sholápur ...	49,301	10,099	1	374	3	91,406
11	Sátára ...	183,108	12,502	11,124	6,880	...	...
	Total ...	908,125	74,562	13,002	9,079	2,571	171,979
III.—Karnátak.							
12	Belgaum ...	129,884	28,402	15,010	2,481	64	170,992
13	Bijápur ...	83,220	24,804	46	2,872	...	264,335
14	Dhárwár ...	176,003	59,401	8,343	70,667	1	558,858
	Total ...	389,107	112,607	23,399	76,020	65	991,185
IV.—Konkan.							
15	Thána ...	182,433	18,220	3,675	82,735	54,074	11,182
16	Kolába ...	107,602	7,191	6,773	66,825	16,205	30
17	Ratnágiri ...	104,128	5,162	53,526	667,274	5	...
18	Kánara ...	164,194	17,554	115,086	1,018,307	...	1,415
	Total ...	558,357	48,127	179,060	1,835,141	70,284	12,657
	Total, A. ...	2,325,803	340,949	220,561	1,931,529	301,297	1,638,255
B.—SIND.							
19	Karáchi ...	39,582	35	...	1,389	...	1,722
20	Hyderabad ...	88,665	71	...	...	...	3,361
21	Sukkur ...	26,562	41	...	...	...	118,572
22	Lárhána ...	38,150	10	...	...	...	21,216
23	Upper Sind Frontier ...	4,766	4	...	...	...	9,708
24	Thar and Párkar ...	12,203	...	...	...	...	41
	Total, B. ..	209,928	161	...	1,389	...	157,623
	GRAND TOTAL ...	2,535,731	341,110	220,561	1,932,918	301,297	1,795,878

ACCOMPANIMENT B TO
Details of Kharif and Rabi under

No.	District.	CLASS I—						Kodra, Paspalum scrobiculatum.	
		Jowari, Borghum vulgare.	Bajri, Pennisetum typhoideum.	Rice, Oryza sativa.	Wheat, Triticum aestivum.	Barley, Hordeum vulgare.	Maize, Zea mays.		
	1	2	3	4	5	6	7	8	
<i>I.—Gujarat.</i>									
1	Ahmedabad ...	{ Kharif ... Rabi... ...	198,187 10,839	213,769	13,173	225,503 15,778	..... 3,633	4,157	
	Total ...		209,126	213,769	13,173	225,503	15,778	3,633	4,157
2	Kaira ...	{ Kharif ... Rabi... ...	48,709 1,794	262,521 5	85,333	20,276 3,120	..... 414 35	..... 62,505	
	Total ...		50,503	262,526	85,333	20,276	3,120	449	62,565
3	Panch Mahals ...	{ Kharif ... Rabi... ...	7,733 6	56,654	23,455	5,616 879	..... 101,517 .....	..... 21,669	
	Total ...		7,738	56,654	23,455	5,616	879	101,517	21,669
4	Broach ...	{ Kharif ... Rabi... ...	14,924 164,121	23,517	8,197	35,909 .....	..... 33	..... 5,585	
	Total ...		179,045	23,517	8,197	35,909	.....	33	5,585
5	Surat ...	{ Kharif ... Rabi... ...	141,093 8,776	12,549	83,006	24,276 .....	..... 6	..... 31,112	
	Total ...		144,868	12,549	83,006	24,276	.....	6	31,112
<i>II.—Deccan.</i>									
6	Khândesh ...	{ Kharif ... Rabi... ...	532,196	702,376	8,163	78,909 12	..... 7,247 .....	..... 1,479	
	Total ...		532,196	702,376	8,163	78,909	12	7,247	1,479
7	Násik ...	{ Kharif ... Rabi... ...	50,859 54,720	976,384	55,699	134,726 .....	..... 3,008 .....	..... 6	
	Total ...		105,579	976,384	55,699	134,726	.....	3,008	6
8	Ahmednagar ...	{ Kharif ... Rabi... ...	5,621 764,937	1,114,702	13,816	122,991 268	..... 464 14	..... 179	
	Total ...		770,558	1,114,702	13,816	122,991	268	478	179
9	Poona ...	{ Kharif ... Rabi... ...	96,048 557,713	682,267	69,363	63,210 865	..... 1,074 72	..... 107	
	Total ...		653,761	682,267	69,363	63,210	865	1,146	107
10	Sholápur ...	{ Kharif ... Rabi... ...	..... 1,490,440	218,553	4,347	31,035 1,773	..... 8,672 .....	..... 149	
	Total ...		1,490,440	218,553	4,347	31,035	1,773	8,672	149
11	Sátára ...	{ Kharif ... Rabi... ...	268,224 243,231	477,999	44,046	38,425 2,829	..... 8,141 1,570	..... 74	
	Total ...		511,505	477,999	44,046	38,425	2,829	9,711	74
<i>III.—Karnátak.</i>									
12	Belgaum ...	{ Kharif ... Rabi... ...	479,816 176,630	204,039 1,464	111,408 614	112 81,202	..... 85	8,435 4,247	53 11
	Total ...		656,496	205,503	112,082	81,314	85	12,732	63
13	Bijápur ...	{ Kharif ... Rabi... ...	449,235 1,014,495	418,995	5,622	122,243 856	..... 2,071 .....	..... 132	
	Total ...		1,463,780	418,995	5,622	122,243	856	2,071	132
14	Dhárwár ...	{ Kharif ... Rabi... ...	499,182 126,891	6,904	154,481	256,560 17	..... 43	..... 196	
	Total ...		626,073	6,904	154,481	256,560	17	43	196
<i>IV.—Konkan.</i>									
15	Thána ...	{ Kharif ... Rabi... ...	149	1	306,409 800	78 .....	..... 116 .....	..... 13,531	
	Total ...		149	1	306,709	78	.....	116	13,531
16	Kolába ...	{ Kharif ... Rabi... ...	..... .....	..... .....	250,223 .....	..... 1	..... 1	..... 17,142	
	Total ...		.....	.....	250,228	1	1	.....	17,142
17	Ratnágiri ...	{ Kharif ... Rabi... ...	..... .....	..... 9	55,929 3,124	..... .....	..... 1	..... 20,263	
	Total ...		.....	9	59,053	.....	1	.....	20,263
18	Kánara ...	{ Kharif ... Rabi... ...	1,031 .....	..... .....	181,775 12,832	..... .....	53	351.....	..........
	Total ...		1,031	.....	194,607	.....	53	351	.....
	Total ...	{ Kharif ... Rabi... ...	2,793,057 4,909,791	5,371,230 1,478	1,424,510 16,870	112 1,240,960	54 26,432	141,642 9,572	178,398 11
	Grand Total ...		7,402,848	5,372,708	1,441,380	1,241,072	26,536	151,214	178,409

RETURN No. III.

Cereals and Pulses, 1902-1903.

CEREALS.								District.	No.	
R>, Eleusine coracana.	Rala, Panicum italicum.	Vari, Panicum miliare.	Danfi, Panicum savidum.	Bhadli, Panicum pilosum.	Majira, Amaranthus Frumon- taceus.	Others.	Total Cereals.			
9	10	11	12	13	14	15	16	1		
								<i>I.—Gujarāt.</i>		
1,011	242	566	18,567	.....	2	98	440,770	Kharif	} Ahmedabad	1
.....	128	439	.....	.....	34	.....	236,454	Rabi		
1,011	370	1,005	18,567	.....	36	98	706,224	Total.		
15,032	13	236	4,625	.....	128	1,314	431,789	Kharif	} Kaira	2
.....	259	563	.....	.....	238	.....	26,295	Rabi		
15,932	271	804	4,625	.....	366	1,314	458,084	Total.		
10,384	9	1,264	24,771	69	1	3,955	251,481	Kharif	} Panch Mahals	3
.....	14	.....	.....	.....	4	.....	6,518	Rabi		
10,384	23	1,264	24,771	69	5	3,955	257,999	Total.		
48	28	102	4	.....	4	.....	52,442	Kharif	} Broach	4
.....	.....	.....	.....	.....	.....	.....	200,030	Rabi		
48	28	102	4	.....	4	.....	252,472	Total.		
11,653	13	63	2,171	65	2	120	281,858	Kharif	} Surat	5
.....	.....	.....	.....	.....	.....	.....	28,051	Rabi		
11,653	13	63	2,171	65	2	120	309,904	Total.		
								<i>II.—Deccan.</i>		
3,731	1,867	4,178	3,702	1,375	203	89	1,268,808	Kharif	} Kh&ndesh...	6
.....	.....	.....	.....	.....	.....	.....	78,921	Rabi		
3,731	1,867	4,178	3,702	1,375	203	89	1,345,527	Total.		
98,941	1,357	33,343	162	4,330	234	152	1,231,475	Kharif	} N&asik	7
.....	.....	.....	.....	.....	.....	.....	189,446	Rabi		
98,941	1,357	33,343	162	4,330	234	152	1,413,921	Total.		
18,905	13,692	15,545	127	2,978	159	762	1,186,950	Kharif	} Ahmednagar	8
.....	.....	.....	.....	.....	55	.....	888,265	Rabi		
18,905	13,692	15,545	127	2,978	214	762	2,075,215	Total.		
35,944	1,646	25,601	102	4,237	63	420	916,862	Kharif	} Poona	9
.....	.....	.....	11	6	.....	123	622,005	Rabi		
35,944	1,646	25,601	113	4,243	53	548	1,538,867	Total.		
52	2,149	2,116	6	686	61	4	236,789	Kharif	} Shol&apur	10
.....	.....	.....	.....	.....	.....	.....	1,523,248	Rabi		
52	2,143	2,116	6	686	61	4	1,760,037	Total.		
43,142	20,758	43,121	42	.....	610	3,357	914,514	Kharif	} S&at&ra	11
.....	80	.....	.....	.....	.....	.....	2,6185	Rabi		
43,142	20,838	43,121	42	.....	610	3,357	1,200,699	Total.		
								<i>III.—Karn&tak.</i>		
41,171	53,195	31,425	.....	.....	5	234	930,092	Kharif	} Bolgaum	12
51	4,823	.....	.....	.....	.....	.....	208,977	Rabi		
41,222	57,818	31,425	.....	.....	5	234	1,198,979	Total.		
461	36,912	9,349	8	.....	3	5	922,843	Kharif	} Bij&apur	13
.....	.....	.....	.....	.....	.....	.....	1,137,594	Rabi		
461	36,912	9,349	8	.....	3	5	2,060,437	Total.		
46,573	67,500	40,261	10	.....	.....	.....	815,150	Kharif	} Dh&rw&ra	14
.....	6,402	459	.....	.....	.....	.....	800,320	Rabi		
46,573	73,902	40,720	10	.....	.....	.....	1,205,479	Total.		
								<i>IV.—Konkan.</i>		
55,119	.....	20,724	1	.....	1	.....	396,648	Kharif	} Th&na	15
.....	.....	.....	.....	.....	.....	.....	830	Rabi		
55,119	.....	20,724	1	.....	1	.....	896,429	Total.		
59,792	.....	44,208	.....	.....	.....	.....	871,371	Kharif	} Kol&ba	16
.....	.....	.....	.....	.....	.....	.....	1	Rabi		
59,792	.....	44,208	.....	.....	.....	.....	371,372	Total.		
27,513	1	12,526	.....	.....	.....	.....	116,292	Kharif	} Ratn&giri	17
389	23	.....	.....	.....	.....	.....	3,540	Rabi		
27,902	24	12,526	.....	.....	.....	.....	119,778	Total.		
6,210	370	386	.....	.....	.....	.....	190,176	Kharif	} K&nnara	13
.....	.....	.....	.....	.....	.....	.....	12,832	Rabi		
6,210	370	386	.....	.....	.....	.....	203,008	Total.		
478,582	199,745	290,014	54,297	13,741	1,485	10,508	10,855,354	Kharif	} Total.	
440	11,529	1,408	12	6	832	128	6,919,077	Rabi		
477,022	211,274	291,480	54,309	13,746	1,797	10,636	16,874,431	Total.		

ACCOMPANIMENT B TO
Details of Kharif and Rabi under

No.	District.	CLASS II—						
		Tur, Cajanus indicus.	Gram, Cleor aristinum.	Mng, Phaseolus mungo.	Udid, Phaseolus radiatus.	Math, Phaseolus aconitifolius.	Val, Dolichos lablab.	Chnvl, Dolichos catiang.
	1	17	18	19	20	21	22	23
<i>I.—Gujarat.</i>								
1	Ahmedabad	{ Kharif ... 1,015 Rabi... ..	{ 19,295	{ 4,823	{ 667 920	{ 7,771 21,119	{ 74	{ 262
	Total	1,015	19,295	4,823	1,587	28,890	74	262
2	Kaira	{ Kharif ... 11,057 Rabi... 194	{ 26,497	{ 3,832	{ 542	{ 20,042	{ 1,361 140	{ 4,580
	Total	11,251	26,497	3,832	542	29,042	1,507	4,580
3	Panch Mahals	{ Kharif ... 3,914 Rabi... ..	{ 31,555	{ 2,691	{ 2,357	{ 5,090	{ 11 38	{ 375
	Total	3,914	31,555	2,691	2,357	5,090	47	375
4	Broach	{ Kharif ... 4,115 Rabi... 9,132	{ 1,639	{ 529	{ 29	{ 5,308	{ 308 427	{ 309
	Total	13,247	1,639	528	29	5,308	735	309
5	Surat	{ Kharif ... 25,821 Rabi... 568	{ 1,142	{ 3,520 187	{ 5,884	{ 517	{ 953 26,391	{ 1,574
	Total	25,889	1,142	3,657	5,884	517	27,344	1,574
<i>II.—Deccan.</i>								
6	Khándaesh	{ Kharif ... 60,345 Rabi... ..	{ 45,368	{ 36,215	{ 129,396	{ 31,468	{ 259	{ 4,025
	Total	60,345	45,368	36,215	129,396	31,468	259	4,025
7	Násik	{ Kharif ... 33,079 Rabi... ..	{ 65,911	{ 16,915	{ 35,371	{ 27,308	{ 3 707	{ 58 2
	Total	33,079	65,911	16,915	35,371	27,308	710	60
8	Ahmednagar	{ Kharif ... 66,343 Rabi... ..	{ 51,664	{ 35,362	{ 2,333	{ 68,719	{ 782	{ 1,583
	Total	66,343	51,664	35,362	2,333	68,719	782	1,583
9	Poona	{ Kharif ... 39,676 Rabi... ..	{ 54,563	{ 10,801	{ 7,641	{ 36,083	{ 2,498 2,139	{ 814
	Total	39,676	54,563	10,801	7,641	36,083	4,627	814
10	Sholapur	{ Kharif ... 25,937 Rabi... ..	{ 34,788	{ 2,067	{ 473	{ 25,409	{ 348	{ 26
	Total	25,937	34,788	2,067	473	25,409	348	26
11	Sátára	{ Kharif ... 65,463 Rabi... ..	{ 49,806	{ 12,720	{ 37,351	{ 61,142	{ 8,416 525	{ 509
	Total	65,463	49,806	12,720	37,351	61,142	3,941	509
<i>III.—Karnatak.</i>								
12	Belgaum	{ Kharif ... 73,287 Rabi... 478	{ 145 32,648	{ 11,165 3	{ 13,550 1	{ 11,620	{ 2,430 4,920	{ 2,038
	Total	73,765	32,793	11,168	13,551	11,620	7,350	2,038
13	Bijapur	{ Kharif ... 91,041 Rabi... ..	{ 40,899	{ 22,220	{ 5	{ 10,464	{ 5,857	{ 4,469
	Total	91,041	40,899	22,220	5	10,464	5,857	4,469
14	Dhárwar	{ Kharif ... 60,697 Rabi... 98	{ 47,442	{ 42,750 1,681	{ 5,195 56	{ 13,539	{ 3,329 514	{ 998 2
	Total	60,693	47,442	44,581	5,241	13,539	3,843	998
<i>IV.—Konkan.</i>								
15	Thána	{ Kharif ... 4,723 Rabi... 798	{ 271 1,996	{ 427 202	{ 14,071 125	{	{ 1,918 2,613	{ 3,448
	Total	5,521	2,267	629	14,796	...	4,531	3,448
16	Kolába	{ Kharif ... 318 Rabi... 2,624	{ 1,087	{ 257 1,941	{ 8,898 2,676	{	{ 3,187 7,693	{ 17 97
	Total	2,942	1,087	2,198	6,364	...	10,850	114
17	Ratnágiri	{ Kharif ... 114 Rabi... 134	{ 9 7	{ 125 52	{ 2,035 384	{	{ 155 2,059	{ 35 163
	Total	250	16	177	2,419	...	2,213	188
18	Kánara	{ Kharif ... 118 Rabi... ..	{ 57	{ 6 1,329	{ 356 1,208	{	{ 108	{ 1,076
	Total	118	57	1,329	1,624	...	106	1,080
	Total	{ Kharif ... 566,435 Rabi... 14,024	{ 425 506,354	{ 208,424 6,489	{ 261,534 5,430	{ 339,440 21,119	{ 26,879 48,245	{ 25,122 1,330
	Grand Total	580,489	506,779	211,913	266,964	354,559	75,124	26,452

RETURN No. III—concluded.
Cereals and Pulses, 1902-1903.

(PULSES).							District.	No.
Kulth, Dolichos uniflorus.	Vatana, Pisum sativus.	Masur, Eryum lens.	Lakh, (Lang) Lathyrus sativus.	Guvar, Cyamopsis Psoralea nodos.	Others.	Total Pulses.		
24	25	26	27	28	29	30	1	
							<i>I.—Gujarat.</i>	
3,475	10	.....	.....	6,838	8	24,913 41,324	Kharif Rabi... }	Ahmedabad ... 1
3,475	10	...	...	6,838	8	66,267	Total.	
				28,413	...	78,827 29,837	Kharif Rabi... }	Kaira ... 2
				28,413	...	105,664	Total.	
65	1,934	.....	.....	1,929	.....	16,432 38,825	Kharif Rabi... }	Panch Mahals ... 3
65	1,934	...	...	1,929	...	49,957	Total.	
				429	.....	11,028 38,740	Kharif Rabi... }	Broach ... 4
				27,862	...	49,766	Total.	
				1,754	.....	89,523 81,933	Kharif Rabi... }	Surat ... 5
				1,505	.....	71,458	Total.	
				1,505	...			
				80	.....	334,565 48,085	Kharif Rabi... }	Khândesh ... 6
72,623	2,717	.....	.....	30	...	382,650	Total.	
72,623	2,717	204	30	...	...	221,908 79,319	Kharif Rabi... }	Násik ... 7
109,008	4,233	166 8,348	5,119	...	4	301,227	Total.	
109,008	4,233	3,509	5,119	...	4	254,754 53,179	Kharif Rabi... }	Ahmednagar ... 8
79,632	1,163	.....	41	.....	.....	307,933	Total.	
79,632	1,163	311	41	...	...	146,308 59,532	Kharif Rabi... }	Poona ... 9
47,805	2,262	.....	.....	.....	.....	204,840	Total.	
47,805	2,262	568	...	...	...	63,427 84,788	Kharif Rabi... }	Sholapur ... 10
8,902	43	.....	207	.....	1	98,215	Total.	
8,902	43	14	207	...	1	232,539 52,434	Kharif Rabi... }	Sátára ... 11
51,801	1,797	.....	.....	.....	137	255,023	Total.	
51,801	1,797	356	...	...	137			
							<i>III.—Karnatak.</i>	
						174,062 41,795	Kharif Rabi... }	Belgaum ... 12
59,827 617	1,588	.....	.....	.....	.....	215,857	Total.	
60,444	1,585	1,543	...	...	...	109,707 40,944	Kharif Rabi... }	Bijápur ... 13
35,651	43	.....	2	.....	.....	210,651	Total.	
35,651	43	...	2	...	...	173,985 64,104	Kharif Rabi... }	Dhárwár ... 14
47,557 14,223	32	.....	.....	.....	.....	238,149	Total.	
61,780	32	...	...	...	...
						26,205 8,952	Kharif Rabi... }	Thána ... 15
747	136	.....	82	.....	.....	32,157	Total.	
747	136	...	82	...	...	7,552 10,068	Kharif Rabi... }	Kolába ... 16
85	.....	.....	.....	.....	.....	23,640	Total.	
85	.....	.....	.....	.....	17	9,909 4,871	Kharif Rabi... }	Ratnagiri ... 17
7,478 1,927	.....	.....	.....	.....	17	14,839	Total.	
9,403	.....	.....	.....	.....	.....	2,909 5,561	Kharif Rabi... }	Kánara ... 18
2,422 329	84	.....	.....	.....	.....	7,467	Total.	
2,751	34	.....	.....	.....	.....	1,887,637 674,121	Kharif Rabi... }	Total.
527,076 17,096	85 18,237	384 6,153	237 34,111	39,380	149 523	2,665,758	Total.	Grand Total
544,172	18,322	6,542	34,348	39,380	674			

VI—Prices of Staple Articles and Fodder for the year 1902-1903.

No.	District or Station.	PRICE PER RUPEE IN SERS OF 80 TOLAS.										PRICE PER MAUND (3,200 TOLAS).			
		Jowári.	Bájri.	Wheat.	Rice, common.	Náchni.	Gram.	Tur-dál (2nd sort).	Jagri (gul).	Tobacco.	Cotton cleaned.	Dry grass.		Jowári Kadbi.	
												Rs. a.	p.	Rs. a.	p.
1	Bombay ...	13-08	13-04	7-71	8-43	8-79	12-13	8-06	5-73	1-40	2-27	0 14	5	...	...
2	Ahmedabad ...	17-18	16-00	12-80	10-65	...	15-48	11-05	5-51	2-29	2-22	0 8	2	1 0	10
3	Kaira ...	17-82	16-07	12-02	9-94	17-07	14-60	10-21	7-19	6-00*	2-17	...	...	...	...
4	Panch Maháls (Godhra).	...	17-30	10-96	10-45	18-29	14-46	9-87	6-74	4-10	...	0 5	2	1 0	0
5	Broach ...	16-44	15-71	10-61	11-15	...	12-86	10-18	5-74	4-81	1-94	0 11	2	0 9	6
6	Surat ...	17-41	16-48	10-51	10-60	...	13-13	9-21	5-75	3-15	1-85	1 8	4	0 8	6
7	Khándesh (Dhulia).	20-59	17-45	11-19	10-28	...	13-91	9-99	6-53	4-45	2-45	0 6	2	...	...
8	Násik ...	14-63	17-30	11-60	10-52	24-93	15-48	9-87	7-57	4-18	...	0 6	10	...	...
9	Ahmednagar ...	20-70	19-54	10-67	10-32	...	14-41	10-91	7-52	6-57	2-24	...	...	0 10	1
10	Poona ...	16-92	15-80	9-09	9-37	11-00	14-20	9-61	8-12	3-70	...	0 9	10	0 11	1
11	Sholápur ...	23-34	20-05	10-63	11-05	...	13-89	11-11	6-87	4-00	...	...	...	0 6	10
12	Sátára ...	18-37	17-49	9-09	10-47	...	12-97	13-08	8-68	4-00	...	0 11	2	0 5	4
13	Belgaum ...	21-22	19-25	11-00	12-82	23-78	11-87	9-26	9-37	4-76	...	0 8	1	...	...
14	Bijápur ...	23-00	23-06	9-90	10-89	...	12-74	10-52	7-97	4-69	2-24	...	...	1 9	5
15	Dhárwár ...	20-81	18-60	11-38	12-31	20-70	12-09	8-70	7-93	2-02	1-72†	...	...	0 2	9
16	Thána ...	...	13-20	8-17	10-09	...	13-45	8-30	5-68	3-65	...	...	...	...	...
17	Kolába (Alibág).	...	11-82	7-40	10-76	...	11-60	7-00	5-30	2-80	...	...	...	...	...
18	Ratnágiri ...	...	13-24	8-43	10-69	13-62	12-13	8-78	5-98	3-02	...	0 5	3	...	...
19	Kánara (Kár- wár).	11-74	10-89	7-70	11-96	16-41	11-00	9-71	5-36	2-17	...	...	...	...	...
20	Karáchi ...	17-22	16-27	12-47	10-94	...	15-09	9-92	5-54	5-16	2-08	0 7	10	0 7	0
21	Hyderabad ...	17-30	16-45	12-17	10-16	...	13-79	9-45	6-71	3-32	2-25	...	...	0 8	9
22	Sukkur ...	17-78	19-49	14-57	13-08	...	16-41	10-18	10-17	...	2-55	...	...	0 8	5
23	Lárkhána ...	17-03	18-07	13-43	10-65	...	13-45	9-56	8-52	9-26	3-14	0 3	3	0 6	9
24	Thar and Párkar (Umarkot).	...	15-18	12-67	12-71	...	8-99	...	7-31	2-50	3-08	...	...	...	...
25	Upper Sind Frontier (Ja- cobabad).	18-96	20-87	12-25	9-87	...	17-03	8-64	7-73	...	2-35	...	...	0 6	1

* For Nadiád.

† For Hubli.

Extract from the Commissioner, N. D.'s Jamábandi Report for 1902-03, connected with the working of Land Records and Agricultural Department.

25. During the year under report, the compilation of the Record of Rights was suspended in all the districts under Government Resolution No. 6670, dated 23rd September 1902.

26. Progress in training of the Village Accountants was satisfactory except in Ahmedabad, Kaira and Panch Maháls where famine prevailed.

Crop waste and Boundary Marks Inspection.

27. The work of the Circle Inspectors under this head was as last year wholly interrupted in Kaira and partially in Ahmedabad by special duties in connection with famine and inspection of wet lands and in Broach by heavy rains in November and December. In Panch Maháls there was again a failure to work up to the prescribed standard. In Surat the Collector says that Circle Inspectors accepted all that was done by the village officers and thus the chief object of the inspection (which is to prevent the recurrence of errors and misunderstanding on the part of Taláti) has not been realised.

In Thána there was some improvement. The increase in the number of encroachments detected shows that better attention is being given to detection of unauthorised cultivation and occupation of Government land.

Vital Statistics.

28. It is satisfactory to note that there has been some improvement in their preparation.

29. The work of measurement and classification performed by Circles Inspectors shows a net decrease in arrears of nearly 300 cases.

District Survey Office.

30. Arrears continued to accumulate in the District Survey Office at Thána. As regards A'kárbands for correction, Mr. Orr writes :—

" Cases in arrears on	
1-VIII-2	31-VII-3
1,143	1,351

" Only 290 A'kárbands were corrected during the year, out of 498 received for correction, the arrears going on steadily increasing from year to year, the total now representing so far as one can judge from mere figures over 3½ years' work. The time wasted in compiling these useless annual reports might well be given towards reducing these arrears."

It appears, therefore, that either the strength of the establishment of the Survey Office must be increased or the annual compilation of the masses of figures (against the continuance of which Mr. Orr has entered his protest for the third year in succession) should be discontinued.

Superior test by Sub-Divisional Officers and Mámlatdárs.

31. No information is available on this head as before. Surat appears to have sent a statement which is incomplete. If the information is not required by Government the statement may be discontinued.

Compilation of Circle Books.

32. Circle books were compiled during the year in all the talukas of Thána and in some talukas of Ahmedabad and Surat, in others the work could not be done for reasons stated by the Director.

*Extract from the Commissioner, C. D.'s Jamábandi Report for 1902-1903,
connected with the working of Land Records and Agricultural Department.*

22. During the year under report, the Record of Rights work was suspended in every district except Khándesh, where it was undertaken late in the season in the talukas of Amalner, Shirpur, Pachora and Yával.

23. Survey classes for the training of village accountants were opened in all districts of the Central Division. Details of the results are given in paragraph 5 of the Director's report. As in the previous year, these classes were utilized for the training of Circle Inspectors. Government have now sanctioned the opening of a special class at Poona for the training of these officers.

24. During the year under report the Circle Inspectors' rules were revised by Government Resolution No. 1804, dated the 4th March 1903. Little work was, however, done under the revised rules, pending their translation and issue in the vernacular.

25. Crop waste and boundary mark inspection by Circle Inspectors, famine duties in Ahmednagar, plague duties in Sátára and Sholápur, enquiries regarding damage done by locusts in Násik, Sátára and Khándesh, compilation of circle books for the revision settlements due in Ahmednagar and Sholápur, training of village accountants in survey, and the employment of Circle Inspectors on the disposal of measurement cases in arrears, all these causes interfered considerably with the inspection of crop, waste and boundary marks. Notwithstanding this, it will be seen from the figures given in the appendix to Part I of the Director's report, that the number of days devoted to inspection was larger during the year under report than in the previous year in all districts except Násik. But there was no increase in the average number of survey numbers inspected each day. On the whole the amount of crop, waste and boundary mark inspection was satisfactory.

26. The disposal by Circle Inspectors of measurement and classification cases was 75 per cent. during the year under report against 68 per cent. in the previous year.

*Extract from the Commissioner, S. D.'s Jamábandi Report for 1902-1903,
connected with the working of Land Records and Agricultural Department.*

Crop, waste and boundary mark inspection.

12. Except in Kánara and Kolába the number of villages visited by Circle Inspectors for crop inspection was fairly large, being more than 75 per cent. of the total number of villages. In Kánara and Kolába the percentage was only 64 and 41 respectively. In Kánara not only was the number of villages visited by Circle Inspectors small, but the percentage of test taken by them of the village officers' work in those villages was likewise small, being 4.5 as against 6 in the other Districts. The Collectors of the two Districts have noticed this shortness of work, and are expected to raise the standard of work to an efficient level.

The percentage of survey numbers in which the village officers' estimates of areas under crops were certified as correct by the Circle Inspectors varies from 46 in Ratnágiri to 70 in Kánara. A better result may be expected when the Village Accountants have experience in surveying.

In Kolába the days stated as wasted owing to the absence of the village officers were 237 between 5 Circle Inspectors giving an average of 18 for each of the thirteen Circle Inspectors in the District as against 6 to 1.7 in other Districts. It is not stated whether the Circle Inspectors gave previous notice of their visit as required by rule 30 of the Circle Inspectors' rules.

The percentage of waste numbers inspected by Circle Inspectors in the villages visited by them for crop inspection varies from 12 in Kánara to 32 in Ratnágiri. Out of the encroachments detected by Circle Inspectors those not previously reported by the village officers formed the majority, viz., 72 per cent.

in Bijápur, Kolába and Ratnágiri and 90 per cent. in the other three Districts. In Dharwár these are stated to be trivial.

Out of the boundary marks found in disrepair by the Circle Inspectors in their inspection rounds as high as 54 per cent. in Kánara, between 70 to 80 per cent. in Belgaum, Bijápur and Dhárwár and 90 per cent. in Kolába had not been so shown by the village officers in the village registers. This state of things speaks ill of the diligence of the village officers. Such perfunctory work should not be tolerated.

The tests taken by the District Inspectors of the Circle Inspectors' crop inspection seems adequate in all the Districts. The Superintendent of Land Records and Agriculture tested the Circle Inspectors' work in 36, and the District Inspectors' work in 7 survey numbers in the different Districts of the Division.

Measurement and Classification work.

13. Though more new cases were received during the year under report than in the preceding year, the balance of cases in arrears at the close of the year was smaller than it was at the beginning. It seems that the Circle Inspectors' work under this head was satisfactory, but the District Inspectors' test of that work was inadequate in Dhárwár and Ratnágiri. In Dhárwár the reason assigned is that the District Inspector was employed in supervising the measurement of blocks of land in the Gadag taluka wherein gold mining licenses are proposed to be granted, and also in making inquiries regarding Patasthal lands in Talukas where revision settlement is in progress. In Ratnágiri the reason stated is that the District Inspector was employed in supervising and testing the calculation of revised assessments in the Chiplun taluka and found less time for ordinary work. The Superintendent tested the measurement and classification work of subordinate officers in some 76 survey numbers.

Inspection of Vital Statistics.

14. In Dhárwár and Bijápur this part of the work of the Land Records Officers appears to have been lost sight of. For the other Districts except Kolába the number of villages in which sanitary forms were checked by them has not been stated so that it cannot be ascertained how far the instructions in paragraph 2 of rule 74 of the Circle Inspectors' rules have been attended to.

General Duty Inspectors.

15. In all Districts except Kánara, where the person appointed is reported as new to his work and unacquainted with classing, these officers are reported to have been usefully employed, disposing of original cases of measurement, taking tests of the Circle Inspectors' work, assisting in giving instructions in surveying, etc.

District Survey Offices.

16. From the figures supplied by the District Inspectors it appears that the number of cases requiring correction of survey records disposed of during the year under report was 1,828 as against 1,932 in the preceding year. The arrears of correction work at the close of the year were 545 as against 665, *i. e.* less by 18 per cent. The number of maps and extracts from survey records and field books supplied from these offices to revenue officers and to applicants rose from 11,872 to 14,435. It would appear that good work was done in these offices.

The Record of Rights.

17. Except that the previous year's arrears were made up in Belgaum, the work was not undertaken in any District pending the Record of Rights Bill being passed into law.

Training of Village Accountants in Survey.

18. Survey classes were held for the first time in Bijápur and Ratnágiri during the year under report. The number who attended the classes varied from 81 in Kolába to 160 in Belgaum.

	Passed in Preliminary test.	Passed in Final test.	
Belgaum ...	58	46	The marginally noted figures give the percentage of the results at the preliminary and final tests of those who received training.
Bijápur ...	60	...	
Dhárwár ...	90	54	
Kánara ...	50	23	
Kolába ...	45	...	
Ratnágiri ...	75	...	

The results attained in Dhárwár and Belgaum appear very satisfactory. As it was the first year of training the final test could not be held in Bijápur and Ratnágiri. It is not stated why it was not held in Kolába.

Except in Dhárwár, where 48 Kulkarnis took measurements in 560 survey numbers, practice in field measurement work does not appear to have been attended to in any of the Districts in which the Accountants have finished their course of training and have secured certificates.

The Superintendent's test of the persons under training in book work and practice seems both sufficient and satisfactory.

19. Information of the superior test of Circle Inspectors' work by Mám-latdárs and Sub-divisional officers has not been received from Collectors—Government Resolution (Revenue Department) No. 995, dated 9th February 1904, has given clear instructions as to the supply of such information in future years. The review of this part of the work will be included in the next year's report.

Compilation of Circle Books.

20. The compilation of circle books is fairly up to date except in Kolába.

*Extract from Government Resolution, Revenue Department, No. 80,
dated 6th January 1905.*

5. Government observe with satisfaction that substantial progress was made in reducing the arrears of measurement and classification work, and was maintained in training village accountants in survey, notwithstanding the fact that in four districts the holding of classes was impeded by the famine. The work of the Land Records Department in other branches appears to have been adequately performed with but few exceptions, and does not call for detailed comment.

Annual Reports.

Reports of the Revenue Settlements of the Northern, Central and Southern Divisions, and of the Department of Land Records and Agriculture for the year 1902-03.

No. 80.

REVENUE DEPARTMENT.

Bombay Castle, 6th January 1905.

Letter from the Director of Land Records and Agriculture, No. A.—748, dated 12th February 1904—Submitting the annual report of the Department of Land Records and Agriculture for the year 1902-03.

Letter from the Accountant General, No. A.C.—4280, dated 26th February 1904—Submitting, with reference to paragraph 6 of Government Resolution No. 2420, dated 8th April 1903, a statement showing, for the revenue year 1902-03, the interest due at 8½ per cent. on the total monthly outstanding balances of takávi advances for the whole Presidency, as compared with the interest actually received.

Letter from the Commissioner, S. D., No. 1079, dated 24th March 1904.

Letter from the Commissioner, N. D., No. 1090, dated 26th March 1904.

Letter from the Commissioner, C. D., No. V.B.—2382, dated 10th September 1904.

Submitting the annual reports of the Revenue Settlements of their respective divisions for the year 1902-03.

RESOLUTION.—The cultivating season of 1902-03 was on the whole satisfactory. Rain was plentiful, and most districts in the Central and Southern Divisions did well. In the Northern Division, however, the rain was unseasonable and the kharif crops were distinctly below normal, though some of the rabi crops were excellent. The untimely rain in December did considerable damage to the cotton and other standing crops, especially in the Southern Division.

2. The collections of land revenue were generally speaking as good as could be expected. Out of Rs. 81 lakhs which remained outstanding on account of former years Rs. 51 lakhs were written off, mostly in the Northern Division, and of the remaining Rs. 30 lakhs nearly half was recovered. Of the balance of Rs. 15½ lakhs on account of former years which remained outstanding at the close of the year, a considerable part has since been written off and the rest collected. The realizations on account of the year under report amounted to Rs. 2 crores 85 lakhs, being less by Rs. 15½ lakhs than the sum due. This is a considerable improvement on the collections of the previous year, but the difference between the amount due and the amount collected is

* Government Resolution No. 797, dated 28th January 1886.

still far greater than normal. Government trust that effect is given to the rule* which directs that land revenue collected in any season shall be credited in the first instance against the demand for the current year, and that arrears for previous years shall be recovered afterwards. But if the rule is observed, it is not understood why the balance outstanding on account of the year under report was so large in some of the districts in the Central Division, where the season is reported to have been good.

3. Considering the circumstances of the season the severer forms of coercive process appear to have been used with moderation except in the Kaira District where the difficulty in collecting the revenue seems to have been

considerable, and has not been fully explained in the report of the Commissioner, N. D. The principle that notices under section 152, Land Revenue Code, should not be issued in cases where it is not proposed to employ the severer forms of coercion has of late years been frequently enunciated; yet in the number of notices issued during the year under report there was a marked increase. While the Governor in Council recognises that the events of recent years have done much to weaken the sense of the obligation of punctual payment, and that it is necessary to make this felt again whenever the circumstances of the season permit, he is of opinion that this object might be more effectively attained by a greater display of activity on the part of the taluka and village establishments at the periods fixed for the payment of the instalments, followed at a later date, where necessary, by judicious action under section 118, the provisions of which section appear to have been applied very sparingly in most districts and to have been entirely ignored in others.

4. The takávi collections for the year under report amounted to Rs. 31 lakhs, while Rs. 25 lakhs were written off. On the other hand Rs. 21 lakhs were advanced. The net result of these operations was to reduce the total sum due for recovery by Rs. 35 lakhs. The sum overdue at the close of the year, however, amounted to nearly Rs. 69 lakhs. The percentages of collection on demand, as shown by the Commissioners in the body of their reports, are small; but this is due in great measure to the fact that the demand for the year, as shown, includes the arrears outstanding from previous years, which presumably it was not expected to realise at once. It is not stated how far any pressure was applied for the collection of takávi instalments, but the small amount of the total collections even as compared with the total of the instalments which fell due in the year under report shows that undue pressure was not used. As regards outstandings under Act XII of 1884 it is desirable to obtain a prompt settlement of accounts, since the money has been consumed in supplying the temporary necessities of seed, cattle and maintenance; and this settlement has been assisted by large remissions. As regards outstandings under Act XIX of 1883, however, the necessity for prompt settlement is less urgent since the money has been expended on permanent land improvements and the remissions that have been granted are small. In connection, however, with loans under Act XIX of 1883 there remained at the close of the year nearly Rs. 25½ lakhs in arrears, mostly in the Central Division; and it is not clear what arrangements are proposed with regard to the recovery of these overdue instalments. In view of the character of the recent seasons and the low water-level in the Deccan it will be undesirable to attempt in the near future the recovery of all the outstandings in addition to the instalments which will fall due from year to year. So long, however, as the arrears continue to figure in the current demand of each year the debtor is apparently each year liable to be called upon to pay up all arrears or to satisfy the Collector of his inability to do so. If this is so it will probably be desirable in many cases to amend the terms of the agreement as to repayment, and to allow the debtors to repay the instalments now overdue after they have repaid the rest of the loan, and so to reduce the paper demand for each year to the sum which it is actually proposed to recover in the absence of unforeseen circumstances. The Commissioners should be requested to consider the desirability of such action.

5. Government observe with satisfaction that substantial progress was made in reducing the arrears of measurement and classification work, and was maintained in training village accountants in survey, notwithstanding the fact that in four districts the holding of classes was impeded by the famine. The work of the Land Records Department in other branches appears to have been adequately performed with but few exceptions, and does not call for detailed comment.

6. In future the reports of the Commissioners and of the Director of Land Records and Agriculture will be prepared and published in an amended form. The Jamábandi Reports of the Commissioners will appear as the Land Revenue Administration Report for the Bombay Presidency, including Sind, Part I; a separate report, submitted by the Commissioners, will be published

as Part II of the Land Revenue Administration Report, and will contain a general review of the administration of the Divisions and of Sind in all matters dealt with by the Land Revenue Administration; the Director's Season and Crop Report accompanied by the Agricultural Statistics will form a separate publication; and the Director will also submit separately a report on the Department of Land Records, and on all the operations of the Agricultural Department.

G. F. KEATINGE,

Under Secretary to Government.

To

The Commissioner, N. D.,
 The Commissioner, C. D.,
 The Commissioner, S. D.,
 The Commissioner in Sind,
 All Collectors, including the Collectors and Deputy
 Commissioners in Sind,
 The Director of Land Records and Agriculture,
 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 Director of Public Instruction,
 The Principal, College of Science, Poona,
 The Superintendent, Civil Veterinary Department,
 The Agent to the Governor, Káthiáwár,
 The Accountant General,
 The Educational Department of the Secretariat,
 The General Department of the Secretariat,
 The Political Department of the Secretariat,
 The Public Works Department of the Secretariat,
 The Financial Department of the Secretariat,
 The Government of India,
 The Under Secretary of State for India. } By letter.

With copies of
 the reports.