

36393

Season And Crop Report

For

sl-1327 [1917-18]



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SEASON AND CROP REPORT

FOR

FASLI 1327 (1917-18)

Character of the season.—The south-west monsoon commenced earlier than usual about the beginning of June with good showers in

Appendix A.

Vizagapatam Littoral, Gōdāvari, Kistna, Guntūr, the Deccan, the Carnatic, the Central group of districts except Coimbatore and Trichinopoly, the West Coast and the Hills. The early showers gave a good start for agricultural operations in Vizagapatam, Kistna, Guntūr, Kurnool, Anantapur, Cuddapah and Nellore. The rainfall in July was generally below the average in the majority of districts and in Ganjam its inadequacy in places resulted in delay in transplantation of paddy. The rains of August and September were generally above the average throughout the Presidency and were excessive in places. The total rainfall during this monsoon was above the average in all the districts except Vizagapatam Littoral and Malabar. The area cultivated with dry first crop up to the end of September was above the average in all the districts except Gōdāvari, Kistna, Guntūr, Kurnool, Anantapur, Nellore, South Arcot and Salem where the percentages of deficiency were 15, 22, 8, 23, 17, 15, 3 and 5 respectively. The area under first crop wet showed a decrease as compared with the average in Kurnool, Cuddapah, Coimbatore, Trichinopoly, Tanjore, Tinnevely and Malabar, the percentages of decrease being 14, 5, 12, 11, 19, 5 and 3 respectively.

2. The north-east monsoon commenced as usual in October with good showers throughout the Presidency. The rainfall in that month was above the average in the majority of districts except South Arcot, the Central excluding Chittoor, the South and the Hills. There was practically no rain in the Presidency in the first week of November except in the Circars. Prospects however improved during the second week and the improvement was maintained till the last week of the month when the weather became dry in the Circars and in the Deccan. The fall in November was above the average in the Circars except Ganjam and the Vizagapatam Agency, the Deccan except Kurnool, Nellore, Salem, Coimbatore, the southern group of districts except Tinnevely, Malabar and the Hills. The monsoon began to slacken by the beginning of December and gradually ceased towards the close of the month. The total rainfall during this monsoon was above the average in the Deccan, Nellore, the West Coast and the Circars and was excessive in parts of Gōdāvari and Guntūr.

3. The dry and the hot weather rains were above the average in the majority of districts. The heavy fall in May on the West Coast caused damage to standing crops in Malabar.

4. The year on the whole was favourable to agricultural operations and led to an increase in cultivation in many districts, but on account of the abnormally heavy rainfall in both the monsoons, especially in the south-west, standing crops were considerably affected in the Gōdāvari and the Kistna deltas, and the Deccan except Cuddapah. Submersion of crops by floods occurred in Ganjam and Kurnool. In Kistna particularly there were floods in some of the lakes which necessitated the grant of remission on a large scale in five taluks; while in the districts of Vizagapatam, Gōdāvari, Guntūr, Kurnool, Bellary, Salem, Madura and Malabar season remissions had to be granted. Further, the excess of rainfall also affected the outturn of crops in several districts and the outturn was below normal in the districts of Vizagapatam, Gōdāvari, Guntūr, Bellary, Anantapur, Coimbatore, South Kanara and The Nilgiris.

Appendix B. As item 32.

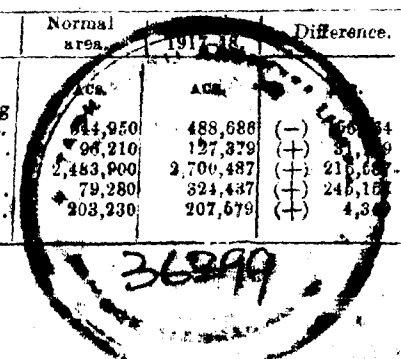
5. *Area under cultivation.*—The area under first-crop cultivation was 34,056,000 acres as against a normal extent of 33,767,000 acres.

Appendix B. As item 31.

6. *Cropped area of the year.*—The total cropped area of 1917-18 was 33,821,000 acres against a normal area of 33,166,000 acres. Particulars of the area under the chief food-grains and industrial crops are compared below with the normal area under each and explanations are furnished in respect of the more important variations:—

Crops.	Normal area.	Area in 1917-18.	Difference.	Crops.	Normal area.	Area in 1917-18.	Difference.
	ACS.	ACS.	ACS.		ACS.	ACS.	ACS.
Paddy ..	10,687,950	11,655,302	(+) 967,352	Castors including	44,950	488,688	(-) 443,738
Cholam ..	5,407,450	4,890,432	(-) 517,018	lamp oil-seeds.	94,210	127,379	(-) 33,169
Cumbu ..	3,509,120	3,308,924	(-) 200,196	Sugarcane ..	2,483,900	2,700,487	(+) 216,587
Ragi ..	2,503,350	2,491,915	(-) 10,435	Cotton ..	79,280	324,437	(+) 245,157
Gingelly ..	852,150	881,742	(+) 29,592	Indigo ..	79,280	324,437	(+) 245,157
Ground-nut ..	1,307,450	1,416,239	(+) 108,789	Tobacco ..	203,230	207,679	(+) 4,449

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Paddy.—There were marked increases in the districts of Kistna (135,642 acres) and Ramnad (115,364) due to the extension of cultivation.

Cholam.—The decrease in Bellary (153,799) is ascribed partly to want of timely rains for early sowings and partly to the preference given by the ryots to the cultivation of cotton, and in Kistna (141,353), to heavy rains. The preference shown for groundnut and indigo in Anantapur and for groundnut and cotton in Coimbatore led to a falling off of 82,720 and 86,636 acres in the two districts, respectively. In the Guntūr district, heavy rains in the early season having impeded the cultivation of cumbu and some other cereals, cholam had to be substituted for them late in the season and this resulted in an increase of 54,276 acres.

Cumbu.—The decrease in Trichinopoly (120,168) and the increase in Salem (78,763) may be partly ascribed to the transfer of the greater part of Namakkal taluk from the one district to the other, while the fall in the Deccan (105,817) is attributed to the preference shown by the local ryots to grow groundnut, cotton and indigo.

Ragi.—The increase in Ramnad (44,258) and the decrease in Trichinopoly (31,002) were due to the reasons already given under paddy and cumbu, respectively. The fall in Anantapur (18,447) was due to the preference given to the cultivation of paddy on account of the good supply of water available in the irrigation sources. Heavy rains in Nellore at the sowing season rendered the land unfit for the cultivation of this crop and brought about a decrease of 17,287 acres.

Gingelly.—Want of showers at the sowing season caused a decrease of 20,576 acres in the area cultivated with this crop in Salem. The decrease in Kistna (16,910) is attributed to the tendency of the ryots to grow indigo and fodder crops on a larger scale. The increase in Chingleput (15,196) was on the other hand due to the cultivation of gingelly in preference to dry food grains including pulses.

Groundnut.—The total area under groundnut was 1,415,239 acres as against 1,796,418 acres in the previous year. The fall was particularly heavy in the Deccan (Ceded districts) where, on account both of the absence of rain at the sowing season and of the fall in prices, the extent cultivated fell from 752,582 to 363,889 acres, or by over 50 per cent, the place of groundnut being taken by cotton and cereals. It should however be mentioned here that in 1915-16 the area under groundnut in the Deccan was only 346,967 acres.

Castors.—The decreases in Kistna (13,486) and Coimbatore (9,645) were due to the reasons already given under gingelly and cholam, respectively.

Sugarcane.—A gradual increase is noticeable in the area cultivated with sugarcane since 1915-16. The increase in the year under report as compared with the normal was general and is attributed to the favourable season and the demand for locally manufactured jaggery on account of the decrease in the import of foreign sugar.

Cotton.—The area cultivated with this crop exceeded the normal extent for the first time since the year 1913-14. The high prices fetched by Cambodia cotton at the close of the last season and the great demand from Japan led to the increases occurring in the districts of Coimbatore (85,155), Ramnad (75,354), Bellary (57,500), Cuddapah (34,906) and Anantapur (32,385). In the Guntūr district, however, heavy rains impeded the sowings and resulted in a decrease of about 58,429 acres.

Indigo.—The stoppage of the import of synthetic indigo from Germany, on account of the war gave a boom to the natural product and the extent cultivated under the crop at first gave indications of an abnormal increase, but prices having fallen the extent under the crop in the districts of Guntūr, Nellore, Kurnool, Anantapur and Cuddapah dropped from 352,107 acres in 1916-17 to 187,497 acres in the year under report.

Tobacco.—There was a marked decrease in Kurnool (6,674) due to the preference given to the cultivation of paddy on low-lying dry lands on account of the copious rainfall of 1916-17. The fall in Gōdāvari (3,865) is attributed partly to the unfavourable season and partly to want of export facilities. The increase in Coimbatore (5,428) is ascribed to the lucrative nature of the crop and that in Madura (4,376) to the larger cultivation of the crop on dry lands under wells.

Variations not specially referred to in respect of crops dealt with above were chiefly due to seasonal fluctuations.

7. **Outturn of crops.**—The percentages of normal outturn reported by Collectors having been found to be generally an underestimation, the Director of Agriculture devised a scheme of rectification by applying a correcting factor based on the figures reported for the last ten years;

Appendix D.

the results for the year under report are shown in Appendix D. Of a total of 311 cases shown in the appendix the outturn was above normal in 107 cases and was normal in 30. It ranged from 75 to 99 per cent of the normal in 164 cases and from 55 to 74 per cent in the remaining 19 cases.

8. **Prices, trade and stocks.**—The harvest price of rice was cheaper than in the previous year in the Carnatic and in the Circars except Gōdāvari, where it was stationary; but it was dearer on the West Coast, on the hills, in the South except Ramnad, in the Deccan except Anantapur and Cuddapah (in which latter it was stationary) and in the central except Chittoor and Salem. The price of ragi was cheaper in the Circars except Gōdāvari, but dearer in the Deccan, on the hills, in the Central except Chittoor, in the South except Tanjore and in the Carnatic except South Arcot and Madras (in which latter it was stationary). The price of cholam was dearer throughout the Presidency except in Tinnevely where it was stationary. The price of cumbu was cheaper in Vizagapatam and in the Carnatic; but was dearer in Guntūr, in the Deccan except Cuddapah, and in the districts of Coimbatore, Trichinopoly, Madura and Tinnevely. It was stationary in Salem and Ramnad. In no district did the harvest prices of the principal foodgrains reach the scarcity rates. The prices of cholam in Bellary, Cuddapah and Nellore were above the warning rates, but they were below such rates in all other districts. The warning and scarcity rates here referred to were fixed by Government in their Order No. 2108, Revenue, dated 31st May 1918.

The following net results are arrived at by comparing the trade in the chief articles both by sea and by rail during the year with that of the previous year:—

	1915-17.	1917-18.		1915-17.	1917-18.
	L. MDS.	L. MDS.		L. MDS.	L. MDS.
Rice in the husk ...	+ 2,865,000	+ 1,428,000	Til or gingelly ...	+ 728,000	+ 280,000
Rice not in the husk ...	- 3,661,000	- 4,302,000	Cotton, raw ...	- 1,285,000	- 1,307,000
Cumbu and cholam ...	+ 1,274,000	- 18,000	Cotton twist and yarn ...	+ 376,000	+ 368,000
Sugar ...	- 161,000	+ 690,000			

[Not imports are indicated by + and net exports by —.]

There was an appreciable increase in the net imports of sugar and a slight decrease in that of cotton twist and yarn. There was a considerable fall in the net import trade of rice in the husk and til or gingelly, while there was an increase in the net exports of rice not in the husk, cumbu and cholam, and cotton, raw. If rice in the husk were converted into rice not in the husk by applying a deduction of 33 per cent for loss in husking, the result would be a net export of 3,345,000 Indian maunds against 1,741,000 Indian maunds in the preceding year. The stocks of grain were generally sufficient.

9. **Cattle disease.**—The total loss of cattle from contagious diseases was 70,018 against 68,588 in the previous year. The increase was due entirely to the ravages of rinderpest, there being a fall in the number of deaths from other diseases. Thirty thousand seven hundred and thirty-three animals were reported to have succumbed to rinderpest alone against 26,215 in the previous year. The districts where this disease caused most havoc during the year were Anantapur, North and South Arcot, Kistna, Guntūr, Bellary, South Kanara, Malabar and Chingleput and in most of these additional veterinary assistants were posted to work.

10. **Agricultural changes.**—There being no tracts which require special notice on the ground of permanent lowering in the standard of agricultural prosperity, paragraphs 11 and 12 relate to the general aspect of the year and the principal changes which were taking place as described by the Director of Agriculture.

11. **The effects of the war.**—The chief feature of the year has been the extraordinary rise in the price of cotton in sympathy with the rise in America. This rise has taken place in spite of the difficulty of exporting, a very strong local demand having arisen, especially for the longer staples, from Indian mills which required this cotton to spin the finer and stronger yarns which had previously been spun from imported American cotton. The cotton crop was short all over India and this tended to keep the prices up. The price of machine-ginned westerns in Madras rose from Rs. 250 per candy of 500 lb. in June 1917 to Rs. 335 in December, Rs. 455 in April 1918 to Rs. 575 in August 1918. The price of Tinnies at Tuticorin was about the same as these figures, while the price of Cambodia cotton at Coimbatore was from Rs. 20—40 per candy higher. Local prices however varied considerably according to the possibility of obtaining railway or sea freight from time to time.

One effect of the rise was that some ryots and dealers were tempted to sell their crop forward in December. The crop proving a short one and the prices steadily

going up against them, many of these were unable to produce cotton against their contracts,—or even, if able to do so, found it much more profitable to allege that they were unable, and to sell their cotton for cash at the higher price. Thus the local cotton markets were much demoralized. On the whole however the ryots obtained a fair share of the profits due to the increased price and agricultural labourers obtained their share also in the shape of increased wages. Ryots were thus induced to put every possible acre under cotton, and in the south much Cambodia was grown as a second crop on wet lands. This naturally led to a scarcity of fodder and to some extent of food-grains.

The area under groundnut was some 21 per cent lower than in the previous year and the total yield was estimated at some 680,648 tons of nuts. A number of new markets were exploited during the year. The Straits Settlements took 33,000 tons from Madras besides much from Pondicherry, while increasing exports were made to the United Kingdom, Hongkong and the United States. The coasting trade with Burma and Calcutta increased considerably as well as exports by rail to all parts of India. The result has been that the crop has been absorbed without difficulty. Prices remained at about Rs. 27—28 per candy from July 1917 to February 1918. Thereafter they rose slowly touching Rs. 33 in June 1918. Since then there has been a rapid rise in the price quoted at Madras to Rs. 55 per candy in August. This is a nominal price, there being no stocks, and is not likely to remain at this figure once the new crop comes in. However it is clear that the groundnut market has recovered from the shock caused by the stoppage of exports to France in 1916 and that the trade is finding new channels.

Indigo was badly hit by the lack of export, the quantity exported to the United Kingdom being only 588 cwt. as against 7,292 cwt. in 1916—17 and 21,765 cwt. in 1915—16. The demand from Egypt also ceased and the only exports of importance were to Japan and into Pondicherry. The area of the crop decreased by 29 per cent but much of this was not manufactured into dye owing to the poor demand. The prices as given in the Customs reports fell from Rs. 609 per cwt. in January 1917 to Rs. 225 in December. There has been a slow recovery of the market since January owing to increased exports to Japan and China.

There has been a steadily increasing demand for castor seed and oil during the year. It is required at home as a lubricant for aeroplane engines, and is being used on an increasing scale in India for lubrication and for burning in place of mineral oils which have become scarce owing to the lack of freight for their import from Burma. Owing to buying for export being controlled by Government the price at first rose only slowly from Rs. 12-4-0 per bag of 165 lb. in July 1917 to Rs. 15-8-0 in January 1918 and Rs. 17-4-0 in June. This small increase is not likely to stimulate greatly increased sowings for 1918-19 in view of the high prices of cotton and grains. However all restrictions on buying castor were removed in July with the result that the price rapidly rose and is now about Rs. 34 per bag.

The price of rice has risen steadily throughout the year—not, on account of wholly local shortage, but in general sympathy with the rise in price of cotton and other commodities, and also because of the lack of freight from Burma which has resulted in a rise in price in Ceylon and in those larger towns in India which use Burma rice. There was great difficulty in exporting rice by rail from the Tanjore and Godavari deltas.

The price of coconuts remained low during the year and exports of copra were poor. The price of oil has risen recently however in sympathy with the prices of all other oils.

The cholera crop in the Ceded districts was poor having been badly damaged by heavy rains and disease, consequently the local price has been high, and much rice has been imported into these districts to take the place of the cholera.

12. *Condition of the agricultural population.*—The year has been one of rapidly increasing prices and this has everywhere upset rural economies. In the cotton tracts the actual ryots and the middlemen have made very good profits, and the coolie class has been getting excellent wages,—up to 8 annas per day for men in the Ceded districts and 4 to 6 annas per day for women in Tinnevely. But the cost of food-grains and clothing has been rapidly increasing also and there can be no doubt that the working classes have been feeling the pinch in many places owing to the rise of wages not keeping pace with the rise in cost of living. Similarly in the rice tracts all actual producers have benefited but the coolie classes,—although securing sufficient actual food from their wages paid in kind,—are hard put to it to purchase cloths. The West Coast has suffered owing to the failure of the staple product—the coconut—to rise in price in sympathy with other produce.

APPENDIX A (paragraphs 1 to 4 of the report).

Statement showing the rainfall in each district during the agricultural year 1917-18 in comparison with the average of 15 years ending 1914.

Districts.	South-west monsoon (June to September).		North-east monsoon (October to December).	
	Rainfall.		Rainfall.	
	Average.	1917.	Average.	1917.
1	2	3	4	5
	INCHES.	INCHES.	INCHES.	INCHES.
Circars	Ganjam ..	30.26	4.93	16.39
	Vizagapatam Agency ..	45.86	50.21	14.63
	Do. Littoral ..	25.13	23.85	18.42
	Godavari ..	25.30	41.06	12.73
	Kistna ..	24.21	58.43	12.90
Deccan	Guntur ..	18.52	25.62	8.87
	Kurnool ..	17.69	18.41	8.78
	Bellary ..	14.25	22.43	8.14
	Anantapur ..	13.28	19.68	7.63
	Cuddapah ..	15.15	18.46	11.37
Carnatic	Nellore ..	15.24	18.90	26.34
	Madras ..	15.88	19.36	24.49
	Chingleput ..	16.37	20.76	14.81
	South Arcot ..	16.93	17.43	12.36
	Chittoor ..	14.70	20.19	8.65
Central	North Arcot ..	17.84	22.14	9.03
	Salem ..	14.85	23.72	11.66
	Coimbatore ..	8.33	13.13	12.24
	Tiruchinopoly ..	11.53	17.65	14.88
	Tanjore ..	12.44	15.72	14.88
South	Madurai ..	8.84	14.13	12.72
	Ramanath ..	6.08	11.00	11.42
	Tinnevely ..	9.10	6.88	21.21
	Malabar ..	69.16	78.67	17.13
	South Kanara ..	125.64	132.81	17.48
The Hills	The Nilgiris ..	35.49	29.18	20.11
Presidency Average ..	24.69	29.52	14.43	15.12

Districts—cont.	Dry weather (January to March).		Hot weather (April and May).		Total.	
	Rainfall.		Rainfall.		Rainfall.	
	Average.	1918.	Average.	1918.	Average.	1917-18
	6	7	8	9	10	11
	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.
Circars	Ganjam ..	1.65	1.19	3.88	45.67	59.15
	Vizagapatam Agency ..	1.22	1.61	7.68	57.99	73.80
	Do. Littoral ..	1.35	0.62	4.41	40.81	42.30
	Godavari ..	0.78	1.85	3.74	39.40	67.70
	Kistna ..	0.72	2.09	2.04	35.82	55.61
Deccan	Guntur ..	0.78	1.87	1.98	31.39	46.37
	Kurnool ..	0.34	0.77	1.85	25.56	31.60
	Bellary ..	0.28	2.70	3.50	22.66	34.35
	Anantapur ..	0.30	0.28	2.70	22.65	31.96
	Cuddapah ..	0.29	0.40	2.55	4.25	36.65
Carnatic	Nellore ..	0.22	1.84	2.07	1.48	54.49
	Madras ..	1.51	5.45	1.66	5.80	65.05
	Chingleput ..	1.32	8.28	2.14	4.45	57.99
	South Arcot ..	1.46	3.72	2.93	45.40	38.08
	Chittoor ..	1.65	5.46	3.14	33.01	41.88
Central	North Arcot ..	1.14	4.19	3.73	37.74	39.62
	Salem ..	1.04	2.55	4.32	32.40	30.12
	Coimbatore ..	1.19	2.60	3.33	26.16	34.11
	Tiruchinopoly ..	1.17	2.85	1.36	32.21	44.08
	Tanjore ..	2.07	4.71	1.66	44.18	36.51
South	Madurai ..	1.75	4.21	3.17	30.65	32.52
	Ramanath ..	2.19	4.54	5.12	28.97	31.46
	Tinnevely ..	3.22	9.30	3.66	27.39	131.27
	Malabar ..	1.23	1.00	4.36	119.76	156.69
	South Kanara ..	0.36	0.63	7.43	135.27	73.02
The Hills	The Nilgiris ..	3.59	4.22	8.90	69.09	54.10
Presidency Average ..	1.29	3.33	3.96	5.18	44.27	54.10

APPENDIX B.—Table A showing the classification of area, irrigated

(1)	Ganjam. (2)	Vizaga- patam. (3)	Godavari. (4)	Kistna. (5)
1. Forests	ACS. 452,811	ACS. 654,918	ACS. 802,446	ACS. 169,935
2. Not available for cultivation	2,135,042	2,701,593	1,590,706	498,604
3. Culturable waste other than fallow	803,003	2,135,881	267,361	651,006
4. Current fallows	214,513	758,886	368,832	502,853
5. Net area under cultivation during the year	1,760,218	2,348,460	961,453	1,772,766
Total	5,365,587	10,992,233	3,930,698	3,695,184
6. Irrigated during the year from	(a) Government canals (b) Private canals (c) Tanks (d) Wells (e) Other sources	164,411 56,062 110,898 844,682 7,959	56,062 79,002 60,277 140,428 5,239	878,862 19,496 97,606 7,432 20,335
Total area irrigated	764,559	1,290,998	606,638	1,028,835
7. Crops irrigated during the year.	(a) Wheat (b) Other cereals and pulses (c) Miscellaneous food crops (d) Do. non-food crops	43 870,459 36,121 79,833	5 762,032 29,181 71,363	5 629,550 36,759 70,287
Total area of crops irrigated	991,956	862,521	736,831	1,054,378
Irrigated	Rice Barley Cholam Cumbu Ragi Maize Sugarcane Gingelly Groundnut Castors including lamp oil-seeds Cotton Indigo	798,710 686,795 420 590 22,956 4,354 16,169 826 226 226 521	686,795 3,274 1,250 8,892 80,983 18,984 51,506 259 82 2,748 491	1,007,593 83 1 1,759 16 528 23,795 8 15 .. 39

Appendix B.—Table A, showing the classification of area, irrigated

(1)	Madras. (16)	South Arcot. (18)	Salem. (17)	Other districts. (18)
1. Forests	ACS. 198,835	ACS. 988,722	ACS. 988,722	ACS. 1,506,217
2. Not available for cultivation	17,210	692,454	968,481	301,055
3. Culturable waste other than fallow	156,855	428,966	242,017	242,017
4. Current fallows	323,054	410,107	586,114	586,114
5. Net area under cultivation during the year	1,323,053	1,662,836	2,043,596	2,043,596
Total	17,210	2,693,301	4,426,112	4,827,999
6. Irrigated during the year from	(a) Government canals (b) Private canals (c) Tanks (d) Wells (e) Other sources	137,778 41 252,924 61,821 21,600	27,323 8,491 90,322 119,474 23,003	68,885 1,559 21,474 347,397 1,319
Total area irrigated	..	474,164	268,618	446,634
7. Crops irrigated during the year.	(a) Wheat (b) Other cereals and pulses (c) Miscellaneous food crops (d) Do. non-food crops	.. 526,088 20,883 27,704	288 267,418 37,470 22,378	315 596,276 42,066 138,777
Total area of crops irrigated	..	574,650	327,551	673,337
Irrigated	Rice Barley Cholam Cumbu Ragi Maize Sugarcane Gingelly Groundnut Castors including lamp oil-seeds Cotton Indigo	436,114 8,162 11,858 60,904 11,417 6,091 11,694 10 3,426	193,389 14,551 17,280 22,938 6,327 1,666 1,812 170 1,322	91,544 167,308 21,636 102,566 16,396 1,308 154 106 26,008

area, and area of crops irrigated during the agricultural year 1917-18.

Guntur. (6)	Sellore. (7)	Kurnool. (8)	Bellary. (9)	Anantapur. (10)	Cuddapah. (11)	Chittoor. (12)	North Arcot. (13)	Chingleput. (14)
ACS. 518,304	ACS. 459,921	ACS. 1,680,560	ACS. 357,052	ACS. 482,064	ACS. 1,158,067	ACS. 531,763	ACS. 795,767	ACS. 132,218
415,788	1,690,515	307,143	326,082	482,278	608,122	1,355,959	785,494	645,725
195,627	752,328	494,167	318,320	650,699	628,036	628,200	172,570	131,116
483,850	845,163	353,375	292,458	471,922	308,287	337,501	258,367	285,463
2,086,682	1,355,025	1,998,528	2,836,651	1,884,862	1,050,000	715,862	1,157,736	752,155
3,648,781	5,103,053	4,835,774	3,649,613	4,281,825	3,760,512	3,509,257	3,179,934	1,896,687
203,658	113,187	28,968	22,212	35,456	65,223	17,837	41,417	30,178
22,782	24,976	67	67	1,246	1,644	5,442	2,669	2,607
11,748	258,460	44,712	18,289	104,362	70,380	170,293	248,879	428,316
6,377	17,705	17,127	13,683	62,350	87,413	97,898	95,336	16,655
344,515	606,023	95,569	56,675	218,986	223,831	316,842	413,156	501,306
337,947	586,674	111,174	38,514	281,919	255,905	343,815	504,491	639,175
6,951	10,233	6,067	9,743	19,127	18,220	22,550	26,923	72
6,071	31,104	9,189	2,489	6,892	41,917	33,716	24,404	23,812
349,979	608,011	126,513	51,176	311,639	316,066	400,240	654,832	663,059
3,27,094	4,30,428	77,976	29,442	198,093	182,005	204,230	467,136	559,053
506	2,561	1,259	1,518	19,751	10,200	23,354	15,884	858
2,732	68,200	11,213	71	30	26,446	23,950	14,818	2,902
6,703	58,482	16,103	3,355	47,918	73,623	73,371	93,980	54,401
20	62	62	64	209	9,649	9,649	3,458	72
12	4	1,591	4,744	1,145	2,850	3,854	10,869	7,675
2	1,401	110	22	101	318	9,708	3,300	1,097
154	145	785	22	1,574	6	127	368	2
..	..	8	855	6	21	20	45	..
..	..	2,680	313	22	241	10,995	1,996	4,277
210	22,827	335	6	656	27,921	..	..	..

area, and area of crops irrigated during the agricultural year 1917-18—cont.

Trichi- nopoly. (19)	Tanjore. (20)	Madura. (21)	Ramanad. (22)	Tinne- velly. (23)	The Nilgiris. (24)	Malabar. (25)	Anjengo. (26)	South Kanara. (27)	Total for the Presidency. (28)
ACS. 188,100	ACS. 11,823	ACS. 422,352	ACS. 46,721	ACS. 258,382	ACS. 334,005	ACS. 859,777	ACS. 82	ACS. 519,764	ACS. 13,011,589
425,682	653,855	643,241	232,498	379,179	62,826	923,181	..	936,479	21,965,194
188,452	176,845	405,980	266,190	39,113	70,589	993,948	7	504,180	11,592,886
848,281	208,227	293,634	129,300	607,955	117,813	61,484	..	310,761	9,075,201
1,422,848	1,841,654	1,437,827	1,422,106	1,267,762	76,493	1,370,295	333	567,261	34,056,446
2,768,213	2,389,404	3,203,034	2,096,808	2,552,391	651,226	3,708,685	875	2,573,445	89,702,316
115,888	837,237	187,735	1,693	47,195	..	..	..	..	3,509,370
14	..	5,977	306	1,385	..	..	..	..	325,901
70,392	145,413	130,542	345,718	178,445	..	..	..	..	4,025,370
96,671	16,661	149,564	60,456	91,431	..	..	..	..	1,652,861
3,438	1,290	22,759	28,497	2,884	..	..	..	..	626,059
286,903	999,601	446,577	488,665	321,041	..	..	..	..	10,040,561
..	..	760	..	..	..	..	..	..	2,824
349,211	1,065,172	508,603	421,185	457,616	..	..	..	..	10,417,182
27,498	17,116	28,372	15,609	29,382	..	..	..	..	447,552
29,703	10,257	64,810	38,610	28,954	..	..	..	..	792,779
406,412	1,092,545	597,545	475,354	510,952	..	..	..	..	11,690,337
245,365	1,019,671	821,386	283,468	811,305	..	..	..	..	8,344,364
21,565	12,721	72,057	18,266	77,178	..	..	..	..	458,417
25,285	958	12,015	17,280	10,153	..	..	..	..	286,67
50,001	15,075	64,428	66,319	40,307	..	..	..	..	965,79
14	..	62	234	30	..	..	..	..	1,03.
8,268	731	2,942	553	292	..	..	..	..	98,06
3,016	559	4,015	1,796	5,261	..	..	..	..	176,565
4,513	199	1,745	685	54	..	..	..	..	38,948
16	76	226	133	150	..	..	..	..	2,685
5,990	..	41,415	53,111	11,675	..	..	..	..	197,813
1,502	89	123	..	101	..	..	..	..	76,864

under cultivation during the agricultural year 1917-18 (paragraphs 5 and 6 of the report).

Kistna.		Guntur.		Nellore.		Kurnool.		Bellary.	
Normal. (8)	1917-18. (9)	Normal. (10)	1917-18. (11)	Normal (12)	1917-18. (13)	Normal. (14)	1917-18. (15)	Normal. (16)	1917-18. (17)
ACS. 1,056,400 60	ACS. 1,192,042 27	ACS. 364,200 2,100	ACS. 400,875 794	ACS. 380,000	ACS. 440,815	ACS. 66,950 2,550	ACS. 92,041 1,842	ACS. 36,800 4,700	ACS. 41,556 3,331
406,300	265,247	342,300	390,576	460,000	439,647	710,300	676,324	561,550	707,751
65,060	78,969	274,300	260,675	123,000	111,251	97,100	76,661	131,350	82,478
17,850	16,389	25,850	19,316	31,000	75,713	26,000	22,846	27,950	26,181
29,800	19,059	49,700	38,420	10		200	128	300	67
14,850	14,687	26,200	22,150	1,200	79	24,600	23,611	17,700	16,187
161,559	172,149	542,550	456,700	305,600	272,297	543,450	612,322	712,000	773,481
1,752,160	1,756,559	1,628,250	1,625,606	1,362,200	1,337,763	1,571,350	1,505,781	1,802,350	1,651,041
101,800	84,890	150	31	3,400	5,580	20,750	10,793	950	1,274
1,050	955	50	53	600	2,165	4,750	2,847	23,350	18,554
37,400	23,913	2,150	3,628	58,500	65,223	56,800	77,588	22,700	64,495
140,800	109,764	66,850	67,577	62,500	71,971	144,100	150,914	113,550	138,501
30,500	25,522	164,800	156,595	12,000	11,550	32,700	34,810	15,550	16,360
500	528	30	12	100	4	500	1,531	9,550	11,428
5,450	4,584	3,150	4,539	2,100	762		37	2,050	589
6,050	5,112	3,150	4,542	2,200	786	500	1,568	11,660	11,812
75,000	61,995	219,100	160,671	52,000	47,710	318,200	309,974	408,500	526,000
39,150	43,561	162,350	157,847	1,600	1,795	500	6,488	1,760	718
114,150	105,556	381,450	318,518	53,600	49,506	318,700	316,462	470,250	526,718
2,850	28,714	5,700	59,823	8,000	37,685	1,650	39,622	10	6,669
150	26		32			7,450	7	300	401
3,000	28,740	5,700	59,855	8,000	37,685	12,100	39,629	310	7,070
11,750	12,111	57,850	58,295	2,700	2,342	12,150	5,476	2,850	1,249
150	42	200	319	400	611	750	722	700	749
11,900	12,153	58,400	58,882	3,100	4,953	12,900	6,198	3,550	1,998
37,100	91,807	51,800	38,867	600	176		11	350	3
28,850	32,096	8,200	8,007	10,950	8,215	6,600	5,234	7,700	7,672
4,000	635		111		945				3
300	471	6,600	245	3,000	3,990	3,750	1,842	7,600	7,078
2,128,310	2,170,425	2,408,230	2,335,706	1,518,160	1,525,519	2,102,500	2,062,449	2,432,810	2,365,184
275,200	397,639	291,250	302,044	132,830	170,493	63,600	63,921	31,350	28,533
1,553,110	1,772,786	2,116,980	2,035,662	1,385,310	1,355,026	2,038,900	1,998,528	2,401,400	2,336,551
8,406	3,350		2,091		94,404		103,432		2,350
1,563	95,676		55,910		29,905		870,369		572,392
6,618	22,571		5		1,854		1,423		1,120
23,571	22,259		64,440		88,288		90,155		111,140
23,264	11,847		22,317		1,054		13,883		34,260
1,449	7,360		12,168		19,218		5,417		15,730
1,167	40,096		965		2,694		3,608		16
3,405	39		62,631		68,221		54,512		12,334
			55,949		8,615		23,730		9,092
			1,491		180		1,800		2,016
			60,071		74		415		2,185
			1,130		263		1,295		17
			11,461		620		458		140
			146,386		792		65		506
			238		582		723		717
									35
									567
									2,430
									2,312
									1,385

and area under cultivation during the agricultural year 1917-18—cont.

Chingleput.		Madras.		South Arcot.		Salem.		Coimbatore.		Trichinopoly.	
Normal. (26)	1917-18. (27)	Normal. (28)	1917-18. (29)	Normal. (30)	1917-18. (31)	Normal. (32)	1917-18. (33)	Normal. (34)	1917-18. (35)	Normal. (36)	1917-18. (37)
ACS. 615,000	ACS. 655,634			ACS. 501,750	ACS. 592,197	ACS. 137,260 800	ACS. 225,420 1,085	ACS. 91,700 556	ACS. 92,986 318	ACS. 290,450 900	ACS. 290,551 ..
15,000	11,391			57,750	49,487	101,859	114,235	591,000	504,384	297,250	272,257
19,000	18,482			177,050	163,522	312,700	431,433	453,550	431,288	424,450	304,283
89,000	78,936			120,000	121,347	324,650	342,336	192,700	200,337	143,100	112,398
10	17			1,300	189	4,870	4,232	8,700	4,491	650	367
57,300	48,151			188,850	193,742	524,950	525,344	425,250	455,121	312,900	286,033
795,310	812,622			1,054,700	1,044,011	1,448,900	1,545,734	1,764,460	1,719,212	1,470,200	1,255,702
17,000	34,196			32,500	43,859	68,750 550	45,174 420	26,450 10	16,409 12	51,360 250	39,790 6
50,000	25,296			414,200	332,791	84,350	75,843	62,160	98,278	100,200	95,187
750	267			2,950	1,737	25,050	26,254	28,350	18,752	13,950	13,524
67,750	57,659			449,650	378,439	172,700	159,671	116,960	133,446	165,750	148,507
3,500	3,926			6,350	9,912	16,400	21,106	30,400	25,143	35,200	43,089
80	82			7,000	11,417	3,250	6,627	9,600	11,035	7,850	8,613
1,100	716			1,700	1,083	850	1,198	550	522	150	327
1,180	798			8,700	12,500	4,100	7,825	10,150	11,557	8,000	8,939
20	21			2,900	2,956	10,250	26,839	274,350	302,508	68,750	49,541
750	783			350	263	700	867	500	583	300	230
770	784			3,250	3,219	10,950	27,706	274,850	368,089	69,650	49,771
6,000	16,506			18,250	41,230	2,950	2,506		8	1,200	5,045
50	29			10		90	178			10	97
6,050	16,536			18,260	41,230	3,040	2,683		8	1,210	5,143
						8,050	8,662	350	431	50	
150	94			2,050	2,310	6,350	5,678	26,100	31,528	4,100	5,151
							1				
1,300	970			800	753	3,400	4,750	3,700	2,785	1,750	1,276
1,450	1,034			2,850	3,063	16,800	18,991	30,150	34,694	5,900	6,427
				300	388	50	8,464	530	68	8,650	408
31,000	16,494			23,200	23,622	17,850	23,767	31,000	15,091	31,250	27,418
18,000	39,468				5,952 9,055		309 601		36 11,585	2,150 550	2

Appendix B—Table A₁ showing the acreage under crops (cropped area)

		Tanjore.		Madura.		Rannad.		Tinne-
		Normal. (38)	1917-18. (39)	Normal. (40)	1917-18. (41)	Normal. (42)	1917-18. (43)	Normal. (44)
		acs.	acs.	acs.	acs.	acs.	acs.	acs.
Cereals and pulses.	1. Rice	1,093,000	1,123,499	300,000	322,814	240,100	265,464	317,350
	2. Wheat	..	..	1,000	1,131	..	..	..
	3. Barley	..	..	20	..	..	..	..
	4. Cholan or jawar (millet).	15,000	14,871	355,000	342,444	78,350	105,781	110,150
	5. Cumbu or bajra (millet).	19,000	18,067	90,000	68,151	164,100	180,342	287,250
	6. Ragi	31,000	26,324	99,000	94,445	89,300	124,558	39,200
	7. Maize	4,600	176	450	223	1,400	284	..
	8. Bengalgram (pulse)	10	..	1,400	894	5,500	5,540	3,600
	9. Other food-grains includ- ing pulses.	92,000	89,199	397,000	363,968	279,700	232,872	323,050
Total ..		1,254,610	1,270,636	1,243,870	1,194,065	849,450	1,004,791	1,030,600
Oil-seeds ..	10. Linseed	..	..	..	..	..	..	..
	11. Til or gingelly	13,500	18,139	34,000	28,815	17,850	27,612	66,850
	11a. Rape and mustard ..	..	4	..	7	..	13	60
	11b. Ground-nut	83,000	77,781	57,000	53,043	12,050	34,238	250
	12. Others	7,200	6,855	14,650	12,551	5,150	4,020	2,350
Total ..		103,700	102,779	106,650	93,416	35,050	66,783	70,010
13. Condiments and spices ..		9,500	9,172	19,000	21,721	17,800	25,298	27,050
Sugar	14. Sugarcane	600	731	2,300	3,618	250	569	350
	15. Others	1,600	2,692	700	786	8,400	3,427	42,750
Total ..		2,100	3,323	3,000	4,404	8,650	3,986	43,100
Fibres	16. Cotton	8,500	2,051	185,000	224,666	239,300	314,654	295,450
	17. Jute	..	..	..	..	..	..	..
	18. Others	100	393	300	419	50	7	550
Total ..		3,600	2,444	185,300	225,085	239,350	314,661	296,000
Dyes	19. Indigo	300	471	50	305	70	11	500
	20. Others	70	388	100	567	10	..	1,050
Total ..		370	854	150	872	80	11	1,550
Drugs and nar- cotics.	21. Opium	..	..	10,300	10,833	..	..	550
	22. Coffee	..	..	..	37	..	..	..
	23. Tea	..	..	..	..	..	..	..
	24. Tobacco	2,800	2,214	9,800	14,176	4,400	3,469	850
	25. Cinchona	..	..	..	..	..	..	..
	26. Indian hemp	..	11	50	1	..	..	..
	27. Others	2,800	2,375	2,200	2,321	800	2,996	11,100
Total ..		4,300	4,601	22,350	27,368	5,200	6,465	12,400
28. Fodder crops		10	392	2,000	2,350	33,950	30,859	39,950
29. Fruits and vegetables including root crops		49,300	61,984	24,700	25,796	10,600	17,358	16,950
30. {	Miscellaneous food crops ..	1,800	1,512	..	595	..	..	1,000
	non-food crops	8,000	4,097	4,850	3,372	3,750	4,344	8,800
31. Grand total		1,437,590	1,461,774	1,610,870	1,599,094	1,209,680	1,473,056	1,547,710
32. Area cropped more than once ..		100,000	120,120	172,400	161,267	65,450	60,950	212,800
33. Net area under cultivation during the year.		1,337,590	1,341,654	1,438,470	1,437,827	1,144,230	1,412,106	1,334,910
Varagu		..	68,106	..	104,145	..	120,397	..
Italian millet		..	127	..	9,745	..	11,095	..
Samai		..	170	..	103,687	..	20,308	..
Horsegram		..	2,547	..	99,518	..	12,280	..
Redgram		..	12,663	..	9,778	..	4,731	..
Greengram		..	232	..	1,289	..	4,155	..
Blackgram		..	2,559	..	7,209	..	5,374	..
Castor and lamp oil seeds ..		..	541	..	18,415	..	3,838	..
Chillies		..	6,091	..	7,441	..	11,428	..
Onions and garlic		..	212	..	5,238	..	1,367	..
Coriander		..	520	..	525	..	7,929	..
Turmeric		..	1,045	..	218	..	7	..
Bombay hemp		..	..	..	319	..	5	..
Sunn hemp		..	378	..	87	..	2	..
Betel vines		..	2,325	..	2,277	..	1,244	..
Areca nuts		..	19	..	42	..	..	..
Plantains		..	12,057	..	11,308	..	2,874	..
Mangoes		..	7,475	..	1,958	..	1,235	..
Coconuts		..	27,510	..	6,028	..	5,727	..
Babul trees, casuarinas, bamboos and thatching grass.		..	23,366	..	4,210	..	1,967	..
Rubber		..	..	..	..	..	..	..
Flowers		..	598	..	484	..	558	..
Pepper		..	..	..	..	..	..	..
Senna		..	..	..	..	..	948	..
Onam		..	..	..	..	..	..	..

and area under cultivation during the agricultural year 1917-18--cont.

Velly.	The Nilgiris.		Malabar.		Anjengo.		South Kanara.		Total for the Presidency.		
	1917-18. (46)	Normal. (46)	1917-18. (47)	Normal. (48)	1917-18. (49)	Normal. (50)	1917-18. (51)	Normal. (52)	1917-18. (53)	Normal. (54)	1917-18. (55)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
313,387	5,650	5,945	843,600	877,247	..	..	565,750	602,096	10,687,950	11,655,302	11,655,302
..	1,800	1,713	..	..	..	..	..	..	20,119	15,022	15,022
..	3,100	3,061	..	..	..	..	..	..	3,129	3,672	3,672
112,990	50	92	200	158	..	..	..	..	5,407,450	4,890,432	4,890,432
212,322	..	..	20	3	..	..	..	..	3,509,120	3,308,924	3,308,924
44,218	2,300	2,642	13,050	15,034	..	..	5,150	6,173	2,502,350	2,491,915	2,491,915
85	20	28	..	139	..	..	..	..	127,410	101,074	101,074
3,418	..	..	..	191	..	..	..	..	147,670	118,648	118,648
280,730	11,400	10,216	45,200	46,194	..	..	43,800	47,039	7,314,750	7,082,049	7,082,049
967,148	24,320	23,559	962,970	937,966	..	..	620,700	655,308	29,719,930	29,646,438	29,646,438
69,353	50	30	23,850	12,432	..	..	2,400	2,661	22,920	13,321	13,321
68	50	31	30	46	..	..	..	..	852,150	831,742	831,742
528	..	..	850	476	..	..	30	9	24,050	47,833	47,833
2,072	..	12	900	1,117	..	..	200	240	1,307,450	1,416,239	1,416,239
72,016	100	73	25,150	11,006	..	..	2,630	2,910	661,800	624,034	624,034
31,318	350	417	65,000	93,203	..	..	9,100	10,455	2,868,370	2,832,169	2,832,169
292	..	5	100	168	..	..	1,950	2,841	95,210	127,379	127,379
40,338	..	..	7,500	10,373	..	..	350	362	100,250	91,671	91,671
40,630	..	3	7,600	10,641	..	..	2,800	3,203	196,460	219,050	219,050
273,379	..	8	..	431	..	..	150	164	2,483,900	2,700,387	2,700,387
478	..	22	60	65	..	..	150	214	278,460	296,051	296,051
273,457	..	30	60	496	..	..	300	378	2,762,360	2,996,536	2,996,536
326	..	..	..	..	..	..	..	..	79,280	324,437	324,437
213	70	..	..	..	..	..	..	..	13,860	3,861	3,861
539	70	..	..	..	..	..	..	..	93,140	327,798	327,798
565	23,650	25,668	5,750	6,366	..	..	10	25	48,910	52,586	52,586
22	12,450	16,161	9,660	12,147	..	..	..	..	22,100	28,367	28,367
911	20	42	10	17	..	..	1,300	1,435	203,280	207,579	207,579
..	2,450	2,373	60	..	..	..	..	..	2,510	2,373	2,373
13,741	..	..	65,000	71,538	..	..	14,800	16,886	117,350	134,136	134,136
15,259	38,570	44,244	80,470	90,118	..	..	16,110	13,845	394,500	426,851	426,851
55,286	30	8	..	1,524	..	..	950	968	232,160	265,834	265,834
17,185	5,300	5,596	495,000	502,849	350	336	57,100	57,323	1,103,800	1,137,479	1,137,479
1,719	100	..	..	555	..	..	..	..	9,600	24,992	24,992
22,457	8,400	2,950	9,700	11,799	..	..	350	139	132,050	152,953	152,953
1,497,514	72,240	80,020	1,585,030	1,663,117	850	836	709,540	759,094	38,166,170	38,821,384	38,821,384
229,752	3,050	3,527	265,100	292,322	..	..	197,950	201,833	4,398,800	4,764,938	4,764,938
1,267,782	69,190	76,493	1,319,930	1,370,295	350	336	611,590	657,361	33,767,370	34,056,446	34,056,446
23,285	..	21	..	..	..	..	..	..	..	1,160,488	1,160,488
1,922	..	210	..	53	..	..	..	..	..	1,529,187	1,529,187
88,517	..	4,748	..	19,411	..	..	..	101	..	759,536	759,536
85,284	..	37	..	5,910	..	..	..	23,351	..	1,948,305	1,948,305
3,839	..	1	..	2,166	..	..	..	250	..	301,123	301,123
9,651	..	..	..	1,877	..	..	..	8,356	..	345,088	345,088
16,104	..	..	..	5,562	..	..	..	12,462	..	183,683	183,683
1,897	..	..	..	767	..	..	..	178	..	483,666	483,666
13,819	..	39	..	2,221	..	..	..	4,534	..	279,250	279,250
3,440	..	267	..	..	..	..	..	6	..	60,080	60,080
13,464	..	16	..	..	..	..	..	..	..	139,990	139,990
140	..	..	..	5,954	..	..	..	918	..	49,028	49,028
5	..	..	..	..	..	..	..	120	..	63,636	63,636
473	..	..	..	65	..	..	..	94	..	224,099	224,099
1,596	..	..	..	3,285	..	..	..	868	..	26,322	26,322
..	..	..	..	68,303	..	..	..	16,027	..	89,169	89,169
6,989	..	321	..	38,609	..	..	..	2,197	..	115,772	115,772
623	..	..	..	39,368	..	..	..	1,994	..	213,760	213,760
4,542	..	..	..	344,230	..	386	..	49,221	..	567,384	567,384
5,246	..	..	..	4,802	..	..	..	10,262	..	616,200	616,200
4	..	1,065	..	9,024	..	..	..	..	..	10,258	10,258
447	..	12	..	91	..	..	..	139	..	4,512	4,512
10,489	..	67	..	66,983	..	..	..	4,050	..	71,100	71,100
..	..	..	..	..	..	..	..	..	..	11,437	11,437
..	..	..	..	..	..	..	..	..	..	5,884	5,884

APPENDIX C.

QUINQUENNIAL.

Statement showing the total number of wells, tanks, channels and other works actually used in each district of the Madras Presidency for purposes of irrigation during the year 1915-16.

Districts.	Number of oil-engines in working order.	Tanks with ayaats								Channels of all sorts.		Wells of all sorts.	
		Under 10 acres.		Not exceeding 200 acres.		Exceeding 200 acres.		Total.		Government.	Private.	Government.	Private.
		Government.	Private.	Government.	Private.	Government.	Private.	Government.	Private.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ganjam ..	..	765	14	1,519	81	83	..	2,367	95	74	1	..	2,496
Vizagapatam ..	..	402	258	795	22	82	..	1,229	278	253	22	..	..
Godavari ..	2	218	162	716	65	64	6	996	232	614	40	1	688
Kistna ..	44	80	95	387	364	39	18	466	477	1,042	6	1	1,485
Guntur ..	3	26	10	288	51	0	1	273	62	2,080	78	61	2,141
Kurnool ..	..	89	35	307	22	87	..	483	67	198	71	1,461	4,169
Bellary ..	..	83	61	184	27	27	..	294	88	164	10	430	7,339
Anantapur ..	12	262	65	698	28	99	..	1,059	93	1,448	169	832	22,282
Cuddapah ..	5	510	28	638	48	55	2	1,198	78	583	82	1,619	30,941
Nellore ..	5	23	31	404	88	183	1	610	120	99	..	..	18,267
Chingleput ..	26	286	16	1,830	21	461	..	2,577	37	455	3	35	25,335
South Arcot ..	65	198	185	1,982	127	264	1	2,394	313	397	19	7	79,600
Chittoor ..	1	1,718	206	1,660	161	30	..	3,408	367	1,026	145	29	29,312
North Arcot ..	12	247	103	2,028	46	257	2	2,532	151	695	5	8	107,063
Salem ..	3	702	442	1,007	179	60	2	1,759	694	785	68	39	54,248
Coimbatore ..	35	6	2	74	7	32	..	112	9	199	180	..	75,307
Trichinopoly ..	11	588	155	649	69	65	..	1,302	214	414	..	8	51,418
Tanjore ..	21	117	16	524	33	53	2	694	51	2,375	..	1	9,776
Madura ..	6	2,178	99	1,367	15	87	..	3,632	114	588	..	1	41,996
Ramnad ..	1	9	7	228	8	43	..	275	15	21	..	1	20,308
Tinnevely ..	5	285	77	1,454	186	158	..	1,897	213	253	10	55	24,310
Total ..	255	8,790	2,066	18,579	1,588	2,128	34	29,497	8,688	13,955	854	5,044	596,352

APPENDIX D (paragraph 7 of the report).

Statement showing the average outturn of crops in ryotwari (including minor inam) areas as well as in non-ryotwari areas so far as information is available in parts of 100 (100 denoting a normal crop) during the agricultural year 1917-18.

Districts.	Paddy.	Cholam.	Cumbu.	Ragi.	Bengalgram.	Varagu.	Horsegram.	Cotton, antri-gated.	Cotton, gated.	Indigo.	Sugarcane.	Castora.	Gingelly.	Groundnut.	Tobacco.
Ganjam ..	101	121	103	112	72	88	87	113	..	..	101	89	102	113	80
Vizagapatam ..	126	129	103	126	108	95	122	73	..	..	109	148	122	97	91
Godavari ..	98	70	93	98	..	97	..	..	..	..	109	148	122	97	91
Kistna ..	99	91	73	93	..	77	96	93	..	..	99	92	95	91	88
Guntur ..	105	96	104	94	91	108	104	86	..	..	111	82	101	89	91
Kurnool ..	105	98	100	101	91	126	100	96	..	..	111	82	101	89	91
Bellary ..	100	86	99	102	75	71	83	99	..	..	105	99	99	99	108
Anantapur ..	94	102	94	106	104	80	97	111	..	..	105	99	100	119	98
Cuddapah ..	100	109	116	103	107	104	..	108	..	..	101	117	108	105	98
Nellore ..	102	97	86	80	100	96	..	83	..	..	104	108	117	106	93
Chingleput ..	97	90	108	106	..	105	109	118	..	..	104	95	111	107	101
South Arcot ..	95	92	98	95	99	96	..	97	..	..	104	95	111	107	101
Chittoor ..	96	95	108	100	..	96	107	71	..	..	104	98	97	93	91
North Arcot ..	100	105	100	100	..	108	..	90	..	..	114	100	99	101	98
Salem ..	104	155	109	107	..	100	..	107	..	..	112	102	102	105	109
Coimbatore ..	98	96	99	99	97	90	96	91	..	..	104	97	94	89	97
Trichinopoly ..	97	99	95	97	..	103	..	97	..	..	105	96	96	97	98
Tanjore ..	102	83	97	92	..	99	..	116	..	..	105	100	91	98	96
Madura ..	108	106	110	102	..	105	112	107	..	..	128	105	100	91	98
Ramnad ..	131	103	108	102	154	111	90	96	..	..	128	105	100	100	141
Tinnevely ..	92	82	98	85	103	97	106	87	..	..	108	121	89	119	100
Malabar ..	97	95	113	94	..	91	..	100	..	..	99	90	79	91	100
South Kanara ..	98	..	..	95	..	98	..	100	..	..	100	84	97	81	98
The Nilgiris ..	99	93	..	94	..	100	..	86	..	..	95	92	97	103	97

NOTE.—The figures for indigo represent the outturn of green crop.

APPENDIX E.

Statement showing the total produce of the principal crops during the agricultural year 1917-18.

Districts.	Area under the crop.		Normal outturn of the crop per acre.	Percentage of normal outturn attained in		Total estimated outturn.		Total normal outturn.
	Previous year.	Current year.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Paddy.								
Ganjam ..	1,201,331	1,214,219	1,600	104	101	892,417	875,972	838,214
Vizagapatam ..	1,161,042	1,184,320	1,800	133	126	1,240,864	1,199,124	907,674
Godavari ..	637,358	643,700	1,800	103	96	527,552	496,569	484,594
Kistna ..	1,165,333	1,192,044	1,800	95	90	869,607	862,102	848,893
Guntur ..	379,890	400,875	1,800	113	105	844,954	338,238	292,661
Kurnool ..	90,628	92,041	1,600	95	105	61,430	69,031	47,891
Bellary ..	36,332	41,655	1,700	98	100	27,022	31,545	27,949
Anantapur ..	211,753	201,149	1,700	103	99	165,550	151,131	77,866
Cuddapah ..	156,069	135,631	1,800	107	100	134,191	109,029	94,018
Nellore ..	397,007	440,815	1,500	114	102	303,072	301,092	254,464
Chingleput ..	649,009	655,634	1,500	105	97	455,334	425,870	412,509
South Arcot ..	541,060	509,197	1,700	97	95	398,307	367,122	380,792
Chittoor ..	226,540	229,220	1,900	102	96	195,998	186,661	146,404
North Arcot ..	549,136	504,415	1,800	96	100	423,619	405,333	387,884
Salem ..	182,025	226,420	1,900	107	104	171,557	199,765	116,417
Coimbatore ..	96,593	92,905	1,800	100	98	77,619	73,163	73,688
Trichinopoly ..	329,546	290,651	1,800	99	97	262,166	236,552	233,397
Tanjore ..	1,108,977	1,123,499	1,600	100	102	792,126	818,549	780,714
Madura ..	306,539	322,814	2,000	103	108	281,908	311,285	267,857
Ramnad ..	312,738	355,464	1,800	72	131	180,941	374,189	192,937
Tinnevely ..	295,847	313,387	2,000	94	92	248,300	257,425	283,348
Malabar ..	589,835	577,247	1,400	101	97	561,708	531,391	527,260
South Kanara ..	595,493	602,096	1,500	98	96	390,792	387,062	378,850
The Nilgiris ..	5,661	5,945	1,800	114	99	5,186	4,729	4,540
Total ..	11,532,702	11,656,302	1,689	104	103	9,033,218	9,003,329	8,060,730
Cholam.								
Ganjam ..	30,872	28,274	800	47	121	5,098	12,262	10,071
Vizagapatam ..	74,091	75,144	800	99	129	26,196	34,620	23,876
Godavari ..	104,987	90,532	800	77	70	28,891	22,633	41,145
Kistna ..	345,626	265,247	700	74	91	79,926	75,430	127,062
Guntur ..	366,800	396,576	630	94	96	96,973	107,076	96,272
Kurnool ..	75,537	876,324	640	88	98	144,706	184,371	202,943
Bellary ..	661,661	707,751	450	106	86	144,030	124,994	178,926
Anantapur ..	246,175	284,530	580	102	102	65,017	75,146	95,091
Cuddapah ..	232,929	327,608	700	96	109	69,879	111,591	108,437
Nellore ..	427,445	439,647	610	112	97	133,421	116,134	125,268
Chingleput ..	11,654	11,301	620	105	90	3,387	2,816	4,152
South Arcot ..	56,365	49,467	700	84	92	15,266	14,222	18,047
Chittoor ..	21,610	29,092	1,250	100	95	12,059	15,423	19,308
North Arcot ..	44,165	41,647	1,000	99	105	19,519	19,522	20,536
Salem ..	102,232	114,235	790	107	105	38,579	42,805	25,926
Coimbatore ..	524,355	504,384	980	96	96	220,229	211,833	258,563
Trichinopoly ..	317,482	272,257	700	95	99	94,252	84,230	92,891
Tanjore ..	16,179	14,871	1,250	93	82	7,877	6,888	8,370
Madura ..	387,018	342,444	610	105	106	146,946	131,260	128,370
Ramnad ..	91,409	106,781	910	98	102	36,392	43,832	31,830
Tinnevely ..	114,322	112,990	1,110	92	83	52,119	46,479	54,682
Malabar ..	103	158	700	135	95	43	47	62
South Kanara ..	..	..	..	..	..	..	..	..
The Nilgiris ..	109	92	500	116	93	28	19	11
Total ..	4,760,547	4,820,432	696	97	98	1,441,816	1,486,123	1,679,730
Cumbu.								
Ganjam ..	32,138	30,481	650	101	103	9,419	9,110	8,966
Vizagapatam ..	188,005	186,428	850	99	103	70,628	72,865	68,366
Godavari ..	(a) 38,261	32,954	630	103	93	(a) 11,081	8,620	9,

Statement showing the total produce of the principal crops during the agricultural year
1917-18—*cont.*

Districts.	Area under the crop.		Normal outturn of the crop per acre	Percentage of normal outturn attained in		Total estimated outturn.		Total normal outturn.
	Previous year.	Current year.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Ragi.</i>								
	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	276,263	270,107	700	112	112	96,692	94,537	96,422
Vizagapatam ..	377,268	374,494	1,000	113	126	190,813	210,653	162,138
Godavari	30,874	28,704	800	107	98	11,798	10,946	12,589
Kistna	12,797	16,389	990	100	93	5,539	6,668	7,747
Guntur	18,109	19,316	1,120	93	94	8,421	9,079	12,928
Kurnool	19,210	22,846	1,319	102	101	11,469	13,494	15,205
Bellary	26,570	26,181	680	105	102	7,224	6,915	9,626
Anantapur	76,598	88,968	1,280	96	105	42,619	53,372	61,371
Cuddapah	37,413	81,493	1,370	97	103	34,123	51,537	50,846
Nellore	70,089	78,713	1,440	101	80	45,608	37,910	68,500
Chingleput	87,564	78,986	940	108	100	32,686	33,125	37,348
South Arcot ..	108,203	121,947	1,130	97	95	62,947	58,442	60,836
Chittoor	149,248	168,828	1,260	94	100	78,916	92,153	80,437
North Arcot ..	152,154	156,446	1,110	102	100	76,906	77,524	77,081
Salem	347,378	342,336	980	111	107	168,625	160,266	142,034
Coimbatore	190,591	200,337	1,580	107	99	143,845	139,896	136,922
Trichinopoly ..	114,278	112,098	950	96	97	47,997	47,679	62,606
Tanjore	24,047	26,824	960	96	92	9,791	10,676	12,383
Madura	86,566	94,445	1,000	104	102	41,121	43,006	44,196
Bamund	107,800	124,558	1,520	93	102	68,477	86,779	54,884
Tinnevely	41,249	44,216	1,280	92	88	21,936	22,284	22,400
Malabar	13,841	15,034	1,500	98	94	8,952	9,463	8,739
South Kanara ..	6,240	6,173	800	98	95	2,184	2,094	1,839
The Nilgiris ..	2,498	2,542	600	104	94	696	640	616
Total	2,398,646	2,491,916	1,092	104	105	1,215,062	1,277,771	1,219,547

		Korra.					
Ganjam ..	..	24,227	..	..	..	6,489	..
Vizagapatam ..	..	17,711	..	..	..	4,744	..
Godavari ..	..	5,493	..	..	..	1,471	..
Kistna ..	..	3,350	..	..	..	897	..
Guntur ..	..	65,910	..	..	..	17,654	..
Kurnool ..	..	370,389	..	..	..	99,206	..
Bellary ..	..	572,362	..	..	..	153,811	..
Anantapur ..	..	278,946	..	..	..	74,718	..
Cuddapah ..	..	80,988	..	..	..	21,693	..
Nellore ..	..	29,906	..	..	..	8,010	..
Chingleput ..	..	724	..	..	..	194	..
South Arcot ..	..	10,783	..	..	..	2,888	..
Chittoor ..	..	3,643	..	..	..	976	..
North Arcot ..	..	4,601	..	..	..	1,282	..
Salem ..	..	13,698	..	..	..	3,669	..
Coimbatore ..	..	22,212	..	..	..	5,950	..
Trichinopoly ..	..	1,113	..	..	..	298	..
Tanjore ..	..	127	..	..	..	34	..
Madura ..	..	9,745	..	..	..	2,610	..
Rampad ..	..	11,095	..	..	..	2,972	..
Tinnevely ..	..	1,922	..	..	..	515	..
Malabar ..	..	58	..	..	..	14	..
South Kanara ..	..	..	..	..	..	..	..
The Nilgiris ..	..	210	..	..	..	56	..
Total ..	..	1,529,187	..	..	..	409,601	..

		Varagu.			
Ganjām	849	88	233	..	..
Vizagapatam	13,034	96	3,869	..	..
Godavari	2,720	97	825	..	..
Kistna	8,406	77	2,023	..	..
Guntūr	3,091	108	1,043	..	..
Kurnool	108,432	125	40,403	..	..
Bellary	2,360	71	521	..	..
Anantapur	23,929	80	5,982	..	..
Cuddapah	26,816	104	6,390	..	..
Nellore	94,404	96	28,321	..	..
Chingleput	37,168	106	12,192	..	..
South Arcot	180,887	96	48,266	..	..
Chittoor	23,415	96	7,026	..	..
North Arcot	76,855	103	24,738	..	..
Salem	86,292	106	26,967	..	..
Coimbatore	6,769	90	1,623	..	..
Trichinopoly	176,126	108	56,691	..	..
Tanjore	69,108	99	21,070	..	..
Madura	104,145	106	34,173	..	..
Hamnad	120,397	111	41,763	..	..
Tinnevely	23,286	97	7,058	..	..
Maistaz	..	..	..	..	..
South Kanara	..	..	..	..	..
The Nilgiris	31	100	7	..	..
Total	1,160,488	700	373,183	..	..

NOTE.—Figures for korra and varagu were not separately tabulated in the previous year.

Statement showing the total produce of the principal crops during the agricultural year
1917-18—cont.

Districts.	Area under the crop.		Normal outturn of the crop per acre.	Percentage of normal outturn attained in		Total estimated outturn.		Total normal outturn.
	Previous year.	Current year.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Samat.</i>								
	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjām ..	..	31,931	660	..	100	..	17,127	..
Vinayapatam ..	..	88,625		..		..	19,782	..
Godavari ..	..	8,312		..		..	1,855	..
Kistna ..	..	1,553		..		..	347	..
Gauttur ..	..	5		..		..	1	..
Kurnool ..	..	1,423		..		..	318	..
Bellary ..	..	19,150		..		..	4,268	..
Anantapur ..	..	61,496		..		..	13,727	..
Cuddapah ..	..	4,137		..		..	923	..
Nellore ..	..	1,864		..		..	414	..
Chingleput ..	..	65		..		..	15	..
South Arcot ..	..	1,870		..		..	417	..
Chittoor ..	..	2,938		..		..	2,218	..
North Arcot ..	..	38,944		..		..	7,577	..
Balem ..	..	119,613		..		..	26,899	..
Coimbatore ..	..	117,817		..		..	26,268	..
Trichinopoly ..	..	20,212		..		..	4,668	..
Tanjore ..	..	170		..		..	38	..
Madura ..	..	23,122		..		..	4,633	..
Ramanad ..	..	20,208		..		..	19,781	..
Tinnevely ..	..	88,617		..		..	4,333	..
Malabar ..	..	19,411		..		..	23	..
South Kanara ..	..	101		..		..	1,060	..
The Nilgiris ..	..	4,748		..		..	..	..
Total ..	..	759,556	500	..	100	..	169,544	..

		Maize.					
		19,156				8,562	7,789
Ganjam ..	..	19,049				8,504	8,393
Vizagapatam ..	..	2,968				1,325	1,228
Godavari ..	..	19,059				8,508	13,304
Kistna ..	..	38,420				17,153	22,210
Guntur ..	..	128				55	89
Kurnool ..	..	67				30	134
Bellary ..	..	9				4	89
Arautapur ..	..						22
Cuddapah ..	..						4
Nellore ..	..	1					
Chingleput ..	..		1,000		100		
South Arcot ..	..	4				2	9
Uthitoor ..	..	563				251	290
North Arcot ..	..	609				299	156
Salem ..	..	87				39	4
Coimbatore ..	..	14				6	23
Trichinopoly ..	..	176				79	2,05
Tanjore ..	..	223				100	29
Madura ..	..	234				104	62
Ramnad ..	..	85				38	
Tinnevely ..	..	139				62	
Mulabar ..	..						
South Kanara ..	..					13	
The Nilgiris ..	..	28					
Total ..	..	101,074	1,000		100	45,123	56,87

	1897-98	1898-99	Cotton.	1896-97	1897-98	1898-99	1896-97	1897-98	1898-99
Ganjam ..	1,683	1,875	50	82	113	31	47	33	..
Vizagapatnam ..	17,965	17,979	50	94	73	377	263	374	..
Godavari ..	8,787	7,449	75	85	93	279	282	353	..
Kistna ..	64,103	61,935	75	100	68	2,146	1,411	2,511	..
Guntur ..	151,538	180,671	75	89	86	4,516	4,626	7,278	..
Kurnool ..	254,920	369,974	50	89	96	5,064	6,642	7,103	..
Bellary ..	469,268	526,000	50	113	99	11,836	11,624	10,453	..
Anantapur ..	111,940	176,885	50	107	111	2,674	4,383	3,226	..
Cuddapah ..	57,586	131,856	50	105	103	1,353	3,092	2,164	..
Nellore ..	60,638	47,710	75	98	83	1,658	1,326	1,741	..
Chingelput ..	13	21	50	69	118	..	1	..	71
South Arcot ..	1,156	2,956	50	84	97	23	70	10	19
Chittoor ..	299	631	56	103	71	7	16	..	1
North Arcot ..	205	201	55	78	90	4	5	..	..
Salem ..	7,322	23,515	66	106	107	189	741	252	..
Coimbatore ..	274,027	2,498	81	106	100	6,728	8,769	6,736	..
Trichinopoly ..	42,163	98,098	93	97	97	1,371	2,158	1,388	..
Tanjore ..	2,041	3,251	93	108	116	85	3,141	111	..
Madura ..	151,320	163,251	93	102	107	6,204	4,252	7,433	..
Ramanad ..	241,962	47,425	250	91	96	8,944	10,930	9,616	..
Tinnevely ..	251,811	281,513	91	92	100	8,600	3,600	11,871	..
Malabar ..	143	53,171	91	85	87	..	2,260	..	..
South Kanara ..	156	11,075	230	108	100	8	1,199	..	..
The Nilgiris ..	..	164	230	116	100	4	..	..	..
Total ..	2,167,976	2,509,324	66	97	100	81,906	72,828	78,675	..
	192,163	192,163	230	..	..	..	19,751	..	..

Notes.—Figures for jama and maize were not separately tabulated in the previous year.
Figures in italics under cotton relate to irrigated cotton. Figures for irrigated cotton were not separately tabulated in the previous year.

Statement showing the total produce of the principal crops during the agricultural year 1917-18—cont.

Districts.	Area under the crop		Normal outturn of the crop per acre.	Percentage of normal outturn attained in		Total estimated outturn.		Total normal outturn.
	Previous year.	Current year.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Groundnut.								
Ganjam	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Vizagapatam	..	16,750	..	112	..	9,380	13,200	..
Godavari	..	27,940	..	97	..	18,661	20,550	..
Kistna	..	114	..	101	..	58	10	..
Guntur	..	3,628	..	91	..	435	525	..
Kurnool	..	27,496	..	91	..	1,651	1,075	..
Bellary	..	77,593	..	103	..	39,980	29,400	..
Anantapur	..	64,496	..	86	..	28,433	11,450	..
Cuddapah	..	1,63,857	..	93	..	78,519	32,875	..
Nellore	..	62,944	..	105	..	33,046	15,000	..
Chingleput	..	2,165	..	103	..	1,169	300	..
South Arcot	..	25,296	..	101	..	12,774	25,000	..
Chittoor	..	832,791	1,120	93	..	154,748	207,100	..
North Arcot	..	27,925	..	91	..	12,706	7,900	..
Salem	..	178,408	..	98	..	87,420	90,700	..
Coimbatore	..	75,843	..	105	..	39,818	42,176	..
Trichinopoly	..	98,273	..	87	..	42,749	31,076	..
Tanjore	..	95,187	..	92	..	43,788	50,100	..
Madura	..	77,781	..	98	..	38,113	41,600	..
Ramanad	..	59,043	..	100	..	26,529	28,600	..
Tinnevely	..	34,288	..	119	..	20,372	6,025	..
Malabar	..	628	..	91	..	240	125	..
South Kanara	..	474	..	81	..	193	425	..
The Nilgiris	..	9	..	102	..	5	16	..
Total	..	1,415,239	1,120	96	..	680,648	688,725	..

Indigo.								
Ganjam	..	1,439	..	92	..	17	18	..
Vizagapatam	..	2,018	..	98	..	26	36	..
Godavari	..	28,714	..	83	..	298	36	..
Kistna	..	59,823	..	111	..	880	71	..
Guntur	..	39,522	..	87	..	431	58	..
Bellary	..	6,669	..	116	..	97	9	..
Anantapur	..	9,975	..	105	..	131	100	..
Cuddapah	..	40,392	..	98	..	495	300	..
Nellore	..	37,685	..	94	..	443	100	..
Chingleput	..	16,506	..	104	..	215	75	..
South Arcot	..	41,230	..	98	..	505	168	..
Chittoor	..	14,355	28	104	..	187	29	..
North Arcot	..	17,337	..	114	..	247	57	..
Salem	..	2,505	..	72	..	28	37	..
Coimbatore	..	8	..	104	..	60	15	..
Trichinopoly	..	5,046	..	95	..	8	4	..
Tanjore	..	(a) 471	..	128	..	5	1	..
Madura	..	(a) 305	..	126	..	5	1	..
Ramanad	..	11	..	90	..	4	8	..
Tinnevely	..	(a) 326	..	..	..	..	..	..
Malabar	..	..	..	..	..	..	..	..
South Kanara	..	..	..	..	..	..	..	..
The Nilgiris	..	..	..	..	..	..	..	..
Total	..	324,437	28	100	..	4,021	998	..

Sugarcane.								
Ganjam	..	5,098	5,180	102	101	11,815	11,772	10,683
Vizagapatam	..	24,893	31,165	110	109	61,610	76,432	81,975
Godavari	..	11,385	11,058	110	99	28,175	26,968	19,237
Kistna	..	501	528	81	86	513	1,022	1,350
Guntur	..	12	12	114	82	31	22	68
Kurnool	..	1,471	1,531	98	99	3,244	3,410	1,125
Bellary	..	10,743	11,423	101	87	24,413	22,361	21,488
Anantapur	..	2,888	4,405	108	99	7,006	9,612	4,612
Cuddapah	..	22	200	106	101	544	475	450
Nellore	..	21	82	61	108	20	10	225
Chingleput	..	50	11,417	95	95	107	175	180
South Arcot	..	12,878	11,821	99	99	20,970	25,481	15,760
Chittoor	..	2,813	3,463	103	98	29,845	28,065	23,064
North Arcot	..	3,677	6,627	106	100	6,709	7,781	7,200
Salem	..	10,720	11,035	100	102	8,273	15,209	7,312
Coimbatore	..	10,104	8,612	100	97	24,120	24,084	21,600
Trichinopoly	..	833	731	93	93	22,507	18,021	17,662
Tanjore	..	3,042	3,618	105	105	1,743	1,727	1,850
Madura	..	390	559	104	109	7,118	8,873	5,175
Ramanad	..	235	292	94	108	825	1,358	562
Tinnevely	..	131	168	101	99	534	650	788
Malabar	..	2,858	2,841	101	100	275	378	325
South Kanara	..	1	3	95	95	6,109	6,073	4,388
The Nilgiris	..	..	..	55	..	..	..	..
Total	..	114,871	127,879	104	100	286,918	287,113	216,472

(a) Indigo is raised here for green-manuring and not manufactured into dye.
 Note.—Figures for groundnut and indigo were not separately tabulated in the previous year.

Statement showing the total produce of the principal crops during the agricultural year 1917-1918—cont.

Districts.	Area under the crop.		Normal outturn of the crop per acre.	Percentage of normal outturn attained in		Total estimated outturn.		Total normal outturn.
	Previous year.	Current year.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Gingelly.								
Ganjam	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Vizagapatam	..	60,920	..	89	102	5,665	6,834	7,225
Godavari	..	159,867	..	100	122	23,280	30,249	21,645
Kistna	..	80,671	..	108	96	13,069	11,182	11,583
Guntur	..	94,930	..	83	89	10,574	11,383	15,270
Kurnool	..	864	..	103	89	111	71	119
Bellary	..	3,246	..	89	99	298	282	475
Anantapur	..	26,011	..	109	95	3,053	1,781	2,335
Cuddapah	..	23,358	..	113	119	2,639	3,236	3,655
Nellore	..	3,038	..	103	105	313	359	585
Chingleput	..	2,048	..	105	117	347	963	425
South Arcot	..	13,708	..	105	107	1,816	4,305	2,125
Chittoor	..	22,932	..	99	89	2,838	4,879	4,062
North Arcot	..	3,976	..	94	93	467	553	556
Salem	..	10,326	..	104	101	1,342	6,076	4,656
Coimbatore	..	49,217	..	115	102	7,136	6,142	8,594
Trichinopoly	..	25,163	..	96	89	3,020	1,826	3,306
Tanjore	..	47,705	..	95	97	6,798	5,789	7,703
Madura	..	14,178	..	101	91	2,148	2,476	2,025
Ramanad	..	34,114	..	105	100	4,477	3,352	4,250
Tinnevely	..	53,587	..	106	89	4,450	3,061	2,231
Malabar	..	69,078	..	98	79	8,289	6,849	6,356
South Kanara	..	15,016	..	100	97	1,502	1,206	2,335
The Nilgiris	..	2,543	..	100	97	318	323	300
Total	..	779,195	..	101	102	104,651	113,132	113,867

Castors.								
Ganjam	..	4,872	..	89	..	484	804	..
Vizagapatam	..	9,028	..	148	..	1,491	1,105	..
Godavari	..	5,630	..	92	..	578	1,328	..
Kistna	..	23,264	..	82	..	2,129	4,102	..
Guntur	..	62,631	..	101	..	7,060	6,908	..
Kurnool	..	54,512	..	99	..	3,614	4,133	..
Bellary	..	32,331	..	99	..	3,469	3,583	..
Anantapur	..	93,914	..	100	..	6,289	5,814	..
Cuddapah	..	16,816	..	117	..	1,318	1,357	..
Nellore	..	63,221	..	98	..	6,915	5,629	..
Chingleput	..	61	..	111	..	8	17	..
South Arcot	..	918	..	95	..	97	145	..
Chittoor	..	16,351	..	97	..	1,770	1,959	..
North Arcot	..	7,265	..	98	..	796	1,211	..
Salem	..	25,558	..	112	..	5,120	4,451	..
Coimbatore	..	18,765	..	94	..	3,140	5,063	..
Trichinopoly	..	13,560	..	95	..	2,254	2,491	..
Tanjore	..	541	..	100	..	97	125	..
Madura	..	13,415	..	105	..	2,539	2,607	..
Ramanad	..	3,338	..	121	..	721	688	..
Tinnevely	..	1,897	..	90	..	305	482	..
Malabar	..	757	..	84	..	114	98	..
South Kanara	..	178	..	92	..	29	27	..
The Nilgiris	..	..	..	..	..	..	..	..
Total	..	488,686	..	100	..	50,337	56,152	..

Figures for castors were not separately tabulated in the previous year.

APPENDIX F (paragraph 8 of the report).

Statement showing the harvest prices per Imperial maund of the principal food-grains during the agricultural year 1917-1918 on the average of two or three of the principal markets in each district as compared with the corresponding prices of the previous year and with normal prices.

Group.	Districts.	Rice.			Ragi.		
		Previous year.	Current year.	Normal.	Previous year.	Current year.	Normal.
1	2	3	4	5	6	7	8
Circars	Ganjam ..	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	Vizagapatam ..	5 0 0	4 9 0	5 0 0	2 5 0	1 14 0	2 11 0
	Godavari ..	5 13 0	5 1 0	5 0 0	2 9 0	2 3 0	2 11 0
	Kistna ..	4 9 0	4 9 0	4 7 0	2 7 0	2 11 0	2 11 0
	Guntur ..	5 3 0	4 14 0	5 0 0	3 8 0	2 15 0	2 14 0
Deccan	Kurnool ..	4 13 0	4 6 0	4 7 0	..	..	..
	Bellary ..	5 3 0	5 4 0	5 0 0	..	..	..
	Anantapur ..	5 5 0	6 0 0	5 11 0	..	..	..
	Cuddapah ..	4 10 0	4 9 0	5 0 0	2 5 0	2 10 0	2 8 0
Carnatic	Nellore ..	5 6 0	5 8 0	5 0 0	3 4 0	3 6 0	2 11 0
	Chingleput ..	..	..	..	..	..	..
	Madras ..	4 12 0	4 11 0	4 7 0	2 12 0	3 1 0	2 11 0
	South Arcot ..	4 12 0	4 11 0	5 0 0	3 2 0	3 7 0	3 5 0
Central	Chittoor ..	6 4 0	5 14 0	5 11 0	3 2 0	3 2 0	3 1 0
	North Arcot ..	5 4 0	4 14 0	5 0 0	3 1 0	2 14 0	3 1 0
	Salem ..	..	..	..	..	..	..
	Coimbatore ..	..	..	..	..	..	..
South	Trichinopoly ..	5 6 0	6 6 0	5 0 0	2 10 0	2 18 0	2 14 0
	Tanjore ..	..	..	..	..	..	..
	Madura ..	5 3 0	5 10 0	5 0 0	2 13 0	2 12 0	3 1 0
	Ramanad ..	5 3 0	5 8 0	5 0 0	2 13 0	3 9 0	2 14 0
West Coast	Tinnevely ..	5 14 0	5 2 0	5 0 0	2 14 0	3 8 0	2 14 0
	..	5 1 0	5 5 0	5 0 0	2 15 0	3 6 0	2 14 0
Hills	Malabar ..	..	..	..	..	..	..
	South Kanara ..	4 14 0	5 1 0	5 0 0	..	..	..
Hills	The Nilgiris ..	5 0 0	5 5 0	4 7 0	..	..	..
	..	5 11 0	6 1 0	5 11 0	3 9 0	3 9 0	3 6 0

Group.	Districts.	Cholam.			Cumbu.		
		Previous year.	Current year.	Normal.	Previous year.	Current year.	Normal.
9	10	11	12	13	14	15	16
Circars	Ganjam ..	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	Vizagapatam ..	..	..	..	..	..	..
	Godavari ..	2 1 0	3 19 0	2 11 0	2 7 0	2 4 0	2 11 0
	Kistna ..	3 11 0	4 6 0	3 5 0	..	..	..
	Guntur ..	2 13 0	3 5 0	3 1 0	3 2 0	3 8 0	2 14 0
Deccan	Kurnool ..	..	..	..	..	..	..
	Bellary ..	2 7 0	3 4 0	2 8 0	3 0 0	3 9 0	3 1 0
	Anantapur ..	2 6 0	3 12 0	2 11 0	..	..	..
	Cuddapah ..	2 9 0	3 5 0	2 11 0	2 10 0	2 15 0	2 11 0
Carnatic	Nellore ..	3 0 0	3 11 0	2 11 0	2 12 0	2 11 0	2 14 0
	Chingleput ..	..	..	..	..	..	..
	Madras ..	2 9 0	3 15 0	2 14 0	3 12 0	3 6 0	2 14 0
	South Arcot ..	..	..	..	..	..	..
Central	Chittoor ..	..	..	..	..	..	..
	North Arcot ..	..	..	..	2 14 0	2 10 0	3 1 0
	Salem ..	8 1 0	8 2 0	3 1 0	3 8 0	3 2 0	3 1 0
	Coimbatore ..	8 2 0	3 7 0	3 1 0	2 15 0	2 15 0	3 1 0
South	Trichinopoly ..	2 5 0	2 13 0	3 1 0	2 15 0	3 4 0	3 5 0
	Tanjore ..	..	..	..	..	..	..
	Madura ..	3 15 0	4 7 0	3 5 0	3 5 0	3 11 0	3 5 0
	Ramanad ..	3 0 0	3 4 0	3 1 0	3 14 0	3 14 0	3 10 0
West Coast	Tinnevely ..	3 3 0	2 8 0	2 14 0	3 14 0	4 4 0	3 10 0
	..	..	..	..	..	..	..
Hills	Malabar ..	..	..	..	..	..	..
	South Kanara ..	..	..	..	..	..	..
Hills	The Nilgiris ..	..	..	..	..	..	..
	..	..	..	..	..	..	..

APPENDIX G.

QUINQUENNIAL.

Table A. (Quinquennial)—Statement showing the number of agricultural stock during the agricultural year 1914-1915.

Districts.	1	2	3	4	5	6	7	8	9	10	11	12	13
		Bulls and bullocks.	Cows.	Male buffaloes.	Cow buffaloes.	Young stock (calves and buffalo calves).	Sheep.	Goats.	Horses and ponies.	Mules.	Donkeys.	Ploughs.	Carts.
Ganjam ..	..	77,523	220,021	30,237	15,698	64,836	48,993	28,993	100	146	84	50,300	16,787
Vizagapatam ..	..	269,412	32,014	99,429	75,814	146,477	130,333	144,988	857	177	639	204,101	71,273
Godavari ..	..	381,699	395,611	173,513	36,365	257,781	305,982	192,609	665	22	732	52,267	12,619
Kistna ..	..	135,815	183,243	27,364	64,014	183,630	21,980	64,477	818	90	3,166	355,036	67,262
Guntur ..	..	125,336	154,006	19,738	56,784	132,211	26,216	58,717	1,027	40	125	88,409	21,234
Nellore ..	..	210,471	154,006	77,785	161,215	328,458	160,824	150,988	1,027	40	7,367	66,187	14,540
Kurnool ..	..	125,911	103,907	28,470	96,091	206,000	106,998	98,757	1,245	26	945	127,315	14,255
Bellary ..	..	126,440	164,384	56,498	246,065	442,557	379,138	276,652	1,939	7	2,772	66,370	26,507
Anantapur ..	..	5,627	6,374	2,411	7,320	13,947	26,351	10,775	9	30	201	112,119	11,082
Cuddapah ..	..	137,680	159,731	49,264	108,452	216,630	1,040,287	241,272	735	63	5,134	81,100	27,284
Chittoor ..	..	80,342	88,521	29,270	73,775	116,925	347,801	282,155	600	..	3,620	16,478	11,074
North Arcot ..	..	167,041	98,016	22,104	137,862	217,200	120,045	268,168	3,281	23	10,785	91,636	39,436
Chingleput ..	..	266,502	92,287	12,317	78,770	166,678	270,687	213,154	3,281	23	3,871	76,121	32,197
Madras ..	..	210,761	165,314	30,193	80,365	230,140	836,011	397,386	2,212	22	16,164	34,867	30,651
South Arcot ..	..	142,805	77,887	28,846	134,382	174,289	590,609	308,149	720	..	8,815	73,001	36,031
Tanjore ..	..	144,704	147,174	9,381	154,341	400,132	227,011	227,011	579	..	3,363	71,785	13,789
Coimbatore ..	..	305,876	145,909	21,143	35,896	92,789	382,344	524,307	1,040	..	3,376	77,827	22,326
Trichinopoly ..	..	349,311	271,368	41,420	66,040	261,490	499,360	239,486	1,214	..	4,101	208,249	31,508
Madura ..	..	36,189	49,200	3,510	3,948	26,190	55,515	37,478	262	155	1,076	30,875	3,702
Nellore ..	..	200,504	122,432	55,931	62,044	121,283	229,049	127,043	1,002	17	2,485	123,030	26,101
Chingleput ..	..	40,484	25,872	8,507	5,887	23,940	46,209	28,933	92	313	313	24,197	4,753
Madras ..	..	3,477	2,269	1,664	2,231	2,200	290	446	1,089	60	1,062	256,050	3,753
South Arcot ..	..	366,107	301,334	46,213	81,675	249,618	411,277	387,806	2,063	2	1,262	190,289	18,577
Chittoor ..	..	2,088	1,567	3,36	746	1,501	1,035	2,186	9	..	8	1,262	354
North Arcot ..	..	203,274	376,072	15,534	45,789	243,669	596,517	436,068	2,799	18	6,055	190,289	18,577
Madras ..	..	59,281	114,422	3,737	16,497	81,929	185,423	152,621	1,591	23	2,276	67,087	7,370
Tanjore ..	..	314,313	361,140	16,303	100,595	328,059	673,550	462,010	4,341	9	11,196	222,621	56,169
Coimbatore ..	..	10,697	9,796	237	2,129	5,578	11,433	9,761	73	..	613	201,025	1,474
Trichinopoly ..	..	304,128	276,311	16,866	83,653	205,851	848,548	534,805	2,110	13	2,138	36,472	38,557
Madura ..	..	54,029	64,029	1,848	20,071	41,945	136,234	126,937	542	2	465	213,066	7,911
Nellore ..	..	18,849	8,625	66,772	115,637	208,512	267,169	449,816	1,926	92	907	10,567	47,871
Chittoor ..	..	291,750	202,621	21,557	47,672	157,394	366,432	210,766	2,375	2	57	166,272	3,046
North Arcot ..	..	96,279	65,673	2,673	16,555	50,343	107,025	90,185	1,001	..	6,838	48,788	34,270
Madras ..	..	39,273	13,318	1,473	10,155	22,862	127,213	37,761	164	22	4,131	18,835	11,074
Tanjore ..	..	63,098	15,092	3,872	11,492	18,320	89,784	43,062	216	44	3,156	30,000	10,980
Coimbatore ..	..	235,009	94,971	13,340	53,070	123,967	490,948	202,735	873	17	8,888	177,407	27,670
Trichinopoly ..	..	29,345	6,431	9,998	12,943	61,194	190,948	44,490	134	..	1,685	15,291	7,875
Madura ..	..	8,300	16,511	2,576	12,867	17,550	2,887	4,370	1,542	72	86	15,291	822
Nellore ..	..	261,126	272,288	130,676	34,062	276,186	2,008	229,112	1,293	6	..	183,709	13,619
Chittoor ..	..	179,383	164,470	155,079	27,241	182,263	..	21,293	484	..	..	206,897	6,524
Madras ..	..	4,847,261	969,715	1,817,260	4,645,083	8,720,379	..	5,664,825	38,304	543	104,036	3,140,987	731,682
South Arcot ..	..	1,901,423	1,367,398	400,825	562,586	2,046,164	..	1,862,003	11,036	618	33,467	1,150,313	266,620
Tanjore ..	..	6,748,684	5,381,525	1,370,540	2,380,846	5,878,807	10,765,543	7,426,828	49,389	1,161	138,123	4,291,300	998,302
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Revised figures.

A = Actuals.

E = Estimates.

T = Total.

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செப்பலிடுபவர் வயர்
செப்பலிடுவதற்காக எடுத்தக்
கொள்ளப்பட்ட நாள்
செப்பலிடு முடிந்த நாள்
சாப்பார்க்கும்
மு.ப.ந.எ.
தொகுப்பிப்பம்
கைவாழ்ப்பம்
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