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Season and Crop Report
1920-21

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Board of Revenue
(Revenue Settlement, Survey, Land Records and Agriculture)
MADRAS.

SEASON AND CROP REPORT

OF THE

MADRAS PRESIDENCY

FOR THE

AGRICULTURAL YEAR 1920-21.



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SEASON AND CROP REPORT

FOR

FASLI 1330 (1920-21)

Character of the season.—The South-West monsoon burst early in June with heavy rains on the West Coast and moderate showers on the Hills; it continued with slightly varying strength up to the end of August when it weakened on the West Coast, but was on the whole seasonable and quite up to the normal. In the rest of the Presidency, the rainfall in June was about normal in the South but was neither plentiful nor well distributed elsewhere though a few good showers were received in the Circars and the Deccan. The July rains were generally light and disappointing, especially in the Deccan and the Circars, and the crops in these districts were retarded in consequence of the dry crops even in anticipation of rains began to feel the effects of the drought in the Deccan and parts of the Circars. In the latter half of August the rainfall though light was only of local and good showers towards its close helped to restrict sowings on a small scale and revived to some extent the standing crops, but the need for more rain continued to be felt in the Deccan and parts of the Circars and the Central districts. The monsoon took a more formidable form in September when good showers in the majority of districts largely made up the deficiency in the area under cultivation during the previous months, facilitated transplantation and rendered prospects more hopeful. Outside the Southern districts the total rainfall during the South-West monsoon was below normal and the deficiency which was particularly marked in the Circars and the Deccan was generally reflected in the area under cultivation.

2. The rains in the earlier half of October, the opening month of the North-East monsoon slightly improved the outlook in the Circars and the Deccan. Fairly good showers fell elsewhere and in Cochin and towards the close of the month, and the rains of November were particularly heavy in the Carnatic, the Central and the Southern districts. The abnormally heavy rains in this month gave rise to floods and breaches of some irrigation channels and tanks in Hampi, Tanjore and Trichinopoly and affected the outturn of crops particularly in Trichinopoly. They failed, however, to reach the northern half of the Circars and the Deccan districts where the crops either failed or yielded a poor outturn in part for want of rain. The rains held off thereafter, but the total fall during the North-East monsoon exceeded or was about the average in Godavari, Carnatic, Central South and Malabar and fell short of it elsewhere. On the whole the North-East monsoon may be said to have been more favourable than the South-West monsoon and the total area cultivated increased in the majority of districts during the period.

3. In the latter half of January there were heavy rains in the South and in parts of Central districts and fairly good showers in the Circars which proved very beneficial to the standing crops in Vizagapatam, Chindrapur and North Arcot, but heavy floods affected the outturn of crops in Trichinopoly. Fine weather lasted up to the middle of April, and the dry weather rains were generally above the average except in the Deccan. A few showers fell in the middle of April which continued with varying strength up to the end of May.

4. The year on the whole was not unfavourable to agricultural operations except in parts of Ganjam, Vizagapatam, Kurnool, Bellary and Anantapur where both the monsoons proved disappointing. Relief operations under the Famine Code were accordingly started in Ganjam but the test works opened there did not reveal the existence of distress and were accordingly closed. In Kurnool the distress was confined to a portion of a taluk and did not pass the stage of test. In Anantapur and Bellary the distress was more severe and widespread covering an area of 2,245 square miles, and these tracts after being kept under observation for some time were declared famine areas.

For want of timely and adequate rains and on account of the insufficient supply of water in the irrigation works in parts of Vizagapatam, Kistna and in the Hosur taluk of the Salem district, a large area of the sowing season's crops in the Trichinopoly, Chindrapur, Bellary and Hampi districts of the Trichinopoly district, seasonal remissions and postponement of kist were granted. On account of general failure of crops, remission of duty assessment amounting to Rs. 11,500 was granted in the taluk of the Chindrapur taluk in the Bellary district and postponement of kist beyond the fasli was also found necessary on a somewhat large scale in the affected

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tracts of Kurnool, Bellary and Anantapur and in a few villages of the Palnad taluk of the Guntur district.

5. *Area under cultivation.*—There was a slight fall in the area under first crop cultivation as compared with the normal, the total area cultivated being 33,073,000 acres as against a normal of 34,310,000 acres.

Appendix B.
Table IV—item 37.

6. *Cropped area.*—The total cropped area (including area sown more than once) was 37,553,000 acres which is about 3.7 per cent below the normal of 38,992,000 acres. Particulars of the areas sown with the chief food grains during the year are compared with the normal areas in the subjoined statement:—

Appendix B.
Table IV—item 35.

Crops.	Normal areas sown.	Area sown in 1920-21.	Difference.	Crops.	Normal areas sown.	Area sown in 1920-21.	Difference.
Paddy ..	ACS. 11,361,500	ACS. 11,096,385	— 265,115	Castors including lamp oil-seeds.	ACS. 501,340	ACS. 590,688	+ 89,348
Cholam ..	5,170,950	5,222,431	+ 51,481	Sugarcane ..	105,700	103,308	— 2,392
Cumbu ..	3,011,579	3,011,579	—	Cotton ..	2,271,910	2,121,628	— 150,282
Ragi ..	2,489,050	2,541,341	+ 52,291	Indigo ..	265,070	112,138	— 152,932
Gingelly ..	792,726	752,622	— 40,098	Tobacco ..	214,400	201,062	— 13,338
Groundnut ..	1,464,570	1,599,738	+ 135,168				

The explanations for the more important variations are as follows:—

Paddy.—There was a marked decrease in the Circars (— 532,635), the decrease in the Kistna district alone being 117,566 acres, which is attributed to insufficient rainfall and inadequate supply in canals. The increase in South Arcot (81,424) was due to copious rainfall in November 1920 and January 1921.

Cholam.—There was a large decrease of 98,974 acres in the Madura district on account of the poor rainfall in the month of July when cholam is usually cultivated on a large scale in the Dindigul and the Palni taluks, while in Nellore heavy rains in October and November impeded cultivation and led to a decrease of 67,412 acres. The decrease in Trichinopoly (— 62,453) is attributed to want of timely rains. The increase in Kistna (54,735) was due to high prices.

Cumbu.—Noteworthy decreases occurred in the districts of Coimbatore (— 76,081), South Arcot (— 70,321) and Salem (— 66,662). In Coimbatore the ryots preferred the cultivation of cholam and ragi to cumbu, while in South Arcot groundnut and gingelly were more popular. The decrease in Salem (— 66,662) is attributed to want of timely rains.

Ragi.—The decrease in Salem (— 44,906) was due to the preference shown by ryots for other crops such as groundnut, samai and horsegram and that in Chittoor (— 23,763) is attributed to deficient rainfall. The increase in Guntur (20,626) was due to the cultivation of the crop on a large scale in the upland taluks with the help of rains in the latter part of the year.

Gingelly.—There were marked decreases in Salem (— 28,321), Anantapur (— 14,949) and Tinnevely (— 14,571) due to want of timely rains. The increase in Kistna (16,115) is reported to be due to the high price of gingelly oil.

Groundnut.—As compared with the normal the majority of districts showed an increase which was due to the expectation of continued high prices. Kurnool, Bellary and Anantapur, however, showed a decrease, but the extent cultivated during the year in these districts exceeded that of the previous year.

Castors.—There was a general decrease in the area sown with castors due mainly to want of timely rains. The total cessation of demand from the United Kingdom which had imported all available supplies during the war may also have had some effect.

Sugarcane.—There were marked decreases in South Arcot (— 1,975), Coimbatore (— 1,346), Trichinopoly (— 1,877) and Bellary (— 1,820). The decrease in Bellary was due to the failure of early rains and that in the remaining districts to the preference given to the cultivation of paddy on account of its high price and the difficulty experienced in getting fodder. The increase in Chittoor (1,520) was due to the anticipation of good profits.

Cotton.—The large decrease in Coimbatore (— 32,778) is attributed to the preference shown by the ryots for the cultivation of food crops. The decreases in Anantapur (— 30,363) and Guntur (— 20,042) were due to want of timely rains.

Indigo.—The area under indigo was, as in the previous year, below the normal in all the districts except Chittoor owing to want of sufficient and timely rains and the fall in the demand for natural indigo. The increase in Chittoor (7,724) is attributed to the expectation of a better market for indigo.

Tobacco.—Decreases occurred chiefly in Kurnool (— 8,424), Coimbatore (— 3,436) and Madura (— 2,424) as the ryots neglected the cultivation of tobacco on account of its low price and paid more attention to the cultivation of food crops.

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

7. *Outturn of crops.*—The percentages of normal outturn reported by Collectors are generally underestimates as noticed in the reports for the previous four years and have therefore been revised by the Director of Agriculture by applying correcting factors based on the figures reported for the last 18 years; the results are shown in Appendix D. Of a total number of 408 cases shown in the appendix, the outturn was above normal in 168 cases and was normal in 18 cases. It ranged from 75 to 99 per cent of the normal in 192 cases and 53 to 74 per cent in 26 cases; it was 46 per cent in 3 cases and 43 per cent in the remaining one case.

8. *Prices, trade and stocks.*—The harvest prices of the principal food-grains were generally below the level of those prevailing in the previous year.

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

	1919-20.	1920-21.
	L. MDS.	L. MDS.
Rice in the husk ..	+ 1,263,000	+ 1,161,000
Rice not in the husk ..	+ 11,247,000	+ 70,72,000
Cumbu and cholam ..	+ 19,000	+ 48,000
Sugar ..	+ 349,000	+ 97,000
Til or gingelly ..	— 54,000	— 24,000
Cotton, raw ..	— 897,000	— 617,000
Cotton twist and yarn ..	— 38,000	+ 101,000

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

[Note.—Statistics of trade by rail are not yet available.]

There was an appreciable increase in the net imports of rice in the husk and cumbu and cholam. There was a considerable decline in the net imports of rice not in the husk and sugar and also in the net exports of til or gingelly and cotton, raw. In the case of cotton, twist and yarn, the net results which are remarkable were due to the high rate of exchange; in the previous year there was an excess of exports over imports. Again, taking the case of both rice in the husk and rice not in the husk together and converting the net imports of the former into its equivalent in terms of the latter by applying a deduction of 33 per cent for loss in the husking, the total net imports work out to 8,252,000 Indian maunds as against 12,193,000 Indian maunds in the previous year. The stocks of grains were generally sufficient.

9. *Cattle disease.*—The mortality amongst cattle from contagious diseases dropped from 59,297 in 1919-20 to 37,066 during the year and there was a fall under every disease. Ganjam district has returned the largest number of deaths under foot-and-mouth, black-quarter and haemorrhagic septicaemia and stands second in severity in respect of rinderpest and anthrax. The number of deaths from rinderpest fell from 31,237 in 1919-20 to 17,273 during the year. It was severe in Anantapur, Ganjam and Kistna and additional Veterinary Assistants were posted to work in all these districts. The Guntur and the Vizagapatam districts were almost free from it.

10. *Agricultural changes.*—There are no tracts which require special notice on the ground of any permanent lowering in the standard of agricultural prosperity. Paragraphs 11 and 12 relate to the general conditions of the year and the principal changes which took place as described by the Director of Agriculture.

11. *The effect of the war.*—The general revival in trade last year was followed by a period of acute depression. The collapse of the European exchanges, the depreciation in the value of the rupee as a result of the adverse balance of trade, the accumulation of large stocks bought at high prices by our customers and the unfavourable season, which resulted in the shortage of nearly a million tons of cereals, made the year under review more abnormal than any of the war years. The value of the total sea-borne export trade was only Rs. 30,08,41,509 as against Rupees 42,47,57,727 in the previous year.

Cotton.—The slump in the price of cotton continued throughout the year. Owing to this cause and to the partial failure of the south-west monsoon in the Deccan, there was a further reduction of 9 per cent in the area under cotton. The price of Westerns cotton declined from Rs. 320 per candy of 500 lb. in April 1920

to Rs. 280 in June 1920, to Rs. 230 in October 1920 and to Rs. 190, the lowest point reached in March and April 1921, in sympathy with the fall in the Bombay market. The prices again advanced to Rs. 240 in June and to Rs. 275 towards the end of September in sympathy with the rise in price of American cotton. The decline in the price of Indian cotton was however much less rapid than that of American and Egyptian cotton, the spot price of middling American cotton at Liverpool having fallen from 28.8 pence in April 1920 to 15.6 pence in October 1920 and to 8.3 pence in March 1921. Consequently there was less demand for Indian cotton than for American and Egyptian cotton and this was emphasized in the case of Madras by a serious financial crisis in Japan—the largest customer for Madras cotton—on account of which it purchased only 73,260 cwt. of cotton as against 355,123 cwt. last year. Almost all the old stocks have however been since marketed.

Ground-nut.—The area under ground-nut increased by about 40 per cent owing to hopes of high prices which were however not realized. The total crop was 30 per cent over that of last year. Eighty-six thousand one hundred and sixty-six tons were exported to foreign countries as against 70,430 tons in the previous year. Freight rates from Madras to Marseilles declined from 165 shillings per ton in January 1920 to 65 shillings in January 1921 and to 30 shillings in April. Yet owing to the unfavourable exchange only 33,660 tons or 89 per cent of the exports went to France as against 47,732 tons in 1919-20 and 177,855 tons in 1913-14. Twenty-one per cent went to Belgium, 18 per cent to the United Kingdom, 13 per cent to Italy and 2 per cent each to Germany and Austria-Hungary. It is interesting to note that 2,226 tons were shipped from Vizagapatam from which there were practically no shipments since 1914-15. The price per candy of 529 lb. gradually fell from Rs. 67½ in April 1920 to Rs. 40 in March 1921 owing to the fluctuations in the franc exchange. The price afterwards advanced up to Rs. 83 in August owing to short supply and strong demand from the Marseilles market. The price now stands at Rs. 65 to Rs. 70.

Other oil-seeds.—The area under castor was the lowest on record. This was due to the partial failure of the south-west monsoon in the Deccan. The demand for castor from the United Kingdom has entirely ceased on account of war stocks undisposed of. There was a decrease of 15 per cent in the area under gingelly owing to the failure of the second half of the south-west monsoon. The foreign exports of gingelly fell from 2,631 tons to 221 tons owing to the cessation of shipments to France as a result of unfavourable exchange.

Indigo.—The price of indigo fluctuated between Rs. 320 and Rs. 350 a cwt. in the latter part of 1920 but afterwards fell below Rs. 300. Shipments declined from 607 tons in the previous year to 244 tons. The decrease occurs mainly in the shipments to Japan and Egypt due to overtrading by Japanese merchants in the preceding year and to the arrival in Egypt of synthetic dyes from Germany.

Sugarcane.—The area increased by 11 per cent owing to the high price of jaggery. The wholesale price per maund of jaggery rose from Rs. 4-0-6 at the end of July 1914 to Rs. 5-14-10 in January 1919, to Rs. 15-2-3 in January 1920 and to Rs. 19-12-0 in October 1920. The price then fell to Rs. 17-1-11 in December 1920 and Rs. 13-2-9 in April 1921, where it has since remained. The fluctuations were in sympathy with those of the markets of Java and Cuba, the two principal cane sugar exporting countries of the world. Fourteen thousand three hundred and eleven tons of cane jaggery were exported in the year and most of it was to the United Kingdom.

Miscellaneous crops.—The pepper crop was poor and prices fell owing to the smaller demand in foreign markets. The exports of coconut oil declined from 3.61 million gallons to 1.79 million gallons owing to smaller demands from foreign countries and to larger local consumption especially in soap factories. Exports of copra declined by 65 per cent owing to the high price offered locally by oil millers. Exports of senna declined from 2,369 tons worth 17.41 lakhs of rupees in the previous year to 1,623 tons worth 11.94 lakhs of rupees owing to the accumulation of heavy stocks abroad; the shipments went chiefly to the United States and the United Kingdom. The price of chillies fell from Rs. 40 to Rs. 27 a cwt.

12. Condition of the agricultural population.—In spite of a noticeable fall in the price of food-grains wages have maintained their high level, thus leaving a larger margin of saving for the wage-earning classes. The situation in the districts of Bellary and Anantapur was generally unsatisfactory owing to the unfavourable character of the season, the failure of the cotton crop and the very low prices realized for it. There was considerable scarcity of fodder in the Circars and the Deccan but the situation was not as bad as was once apprehended.

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

Statement showing the rainfall in each district during the agricultural year 1920-21 in comparison with the average of 46 years ending with 1915.

Districts.	South-West monsoon (June to September).		North-East monsoon (October to December).	
	Rainfall.		Rainfall.	
	Average.	1920.	Average.	1920.
	2	3	4	5
	INCHES.	INCHES.	INCHES.	INCHES.
Agency Division	42.85	31.09	6.41	3.04
Circars	28.81	25.03	10.79	4.92
Gaujam	24.57	15.22	10.24	7.66
Vizagapatam	21.29	13.81	11.61	12.09
Godavari	24.41	15.94	8.54	6.61
Kistna	18.84	13.39	9.74	6.74
Guntur	17.11	10.78	5.38	2.61
Kurnool	14.39	11.59	5.38	2.90
Deccan	13.36	8.13	6.34	2.29
Bellary	15.21	12.28	9.34	9.26
Anantapur	11.18	6.48	19.82	28.60
Cuddapah	11.18	6.48	29.68	51.56
Nellore	15.81	5.36	26.10	39.15
Carnatic	15.80	11.00	24.50	33.80
Chingleput	16.83	16.11	14.08	13.21
South Arcot	14.74	12.52	14.31	15.69
Chittoor	17.93	14.02	11.02	14.02
North Arcot	14.42	14.04	11.53	13.81
Central	8.17	7.32	11.53	23.23
Coimbatore	11.76	11.55	14.79	48.99
Trichinopoly	12.30	14.44	26.29	17.13
Tanjore	8.41	10.07	15.18	28.31
South	6.62	7.69	17.15	23.04
Madura	7.40	3.17	18.67	24.38
Ramanad	90.08	109.73	18.52	8.54
Tinnevely	127.22	125.78	12.06	14.71
West Coast.	45.32	42.79	19.77	17.39
The Hills				
Presidency average	21.76	21.66	11.61	17.39

Districts—cont.	Dry weather (January to March).		Hot weather (April and May).		Total.	
	Rainfall.		Rainfall.		Rainfall.	
	Average.	1921.	Average.	1921.	Average.	1920-21
	6	7	8	9	10	11
	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.
Circars	1.44	1.12	5.23	2.92	55.92	38.17
Gaujam	1.54	2.19	3.59	1.33	44.73	38.47
Vizagapatam	1.39	2.68	3.63	2.19	30.83	27.65
Godavari	0.81	2.44	3.37	1.12	39.29	29.49
Kistna	0.83	1.68	1.58	0.75	36.09	26.81
Guntur	0.95	0.92	1.96	0.75	31.29	21.80
Kurnool	0.45	0.37	1.84	1.56	24.81	15.22
Deccan	0.36	0.20	2.69	2.22	22.81	16.91
Bellary	0.36	0.18	2.58	2.70	22.62	13.40
Anantapur	0.34	0.18	1.99	1.61	27.81	23.73
Cuddapah	0.67	0.68	1.99	1.72	34.09	38.15
Nellore	1.42	1.35	1.67	1.99	49.16	61.37
Carnatic	1.66	5.46	2.51	1.83	45.67	57.57
Madura	1.46	5.20	1.91	1.83	45.81	60.94
Chingleput	1.66	8.99	2.80	2.04	33.15	31.66
South Arcot	1.66	3.47	3.09	2.46	37.74	38.67
Chittoor	1.24	3.55	3.59	3.41	32.32	38.47
North Arcot	1.26	3.55	5.59	6.19	26.23	29.47
Central	1.09	2.22	5.22	5.86	33.07	45.83
Coimbatore	1.31	3.48	5.07	5.09	43.89	76.33
Trichinopoly	1.45	5.96	3.12	3.16	30.53	39.18
Tanjore	2.18	9.74	6.11	4.91	29.48	40.33
South	1.80	7.02	3.73	2.70	28.26	33.25
Madura	1.99	6.63	3.13	3.39	118.37	137.36
Ramanad	3.16	3.66	11.01	5.11	145.08	149.45
Tinnevely	1.22	1.24	10.57	9.24	77.51	73.07
West Coast.	0.29	1.07	6.49	5.11		
The Hills	3.48	4.33	8.94	9.24		
Presidency average	1.37	3.39	3.66	3.39	44.49	45.73

Appendix B—Table II—Classification of area of each district during the agricultural year 1920-21.

District.	Forests.	Not available for cultivation.	Culturable waste other than fallow.	Current fallows.	Net area sown during the year.	Total.
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
1. Agency division ..	1,209,324	6,756,477	2,496,568	499,984	1,731,623	12,692,976
1 (a). Ganjam ..	363,370	749,568	388,325	179,950	1,413,742	3,094,955
2. Vizagapatam ..	255,480	922,913	282,361	373,880	1,088,912	2,923,546
3. Godavari ..	129,192	307,556	118,743	301,460	758,623	1,615,684
4. Kistna ..	204,414	512,723	482,857	560,057	1,755,173	3,515,224
5. Guntur ..	511,567	388,726	180,172	522,327	2,047,390	3,645,182
6. Nellore ..	466,244	1,718,809	748,420	929,850	1,239,730	5,163,053
7. Kurnool ..	1,654,814	325,631	616,702	348,878	1,888,762	4,829,787
8. Bellary ..	383,469	293,168	358,614	399,742	2,214,873	3,644,866
9. Anantapur ..	480,293	431,461	1,037,809	678,825	1,693,470	4,281,868
10. Cuddapah ..	1,158,488	671,924	644,621	336,080	1,013,702	2,724,695
11. Chittoor ..	528,314	1,422,486	656,208	393,723	589,585	3,590,315
12. North Arcot ..	792,747	714,671	224,747	319,414	1,119,856	3,170,935
13. Chingleput ..	130,076	687,431	136,462	259,440	750,773	1,964,182
14. Madras ..		17,210				17,210
15. South Arcot ..	174,479	689,621	148,843	304,766	1,375,339	2,693,098
16. Salem ..	960,061	916,995	492,710	461,330	1,692,820	4,423,917
17. Coimbatore ..	1,485,253	297,563	229,699	607,125	1,989,851	4,608,991
18. Trichinopoly ..	158,320	445,634	159,947	584,103	1,416,763	2,764,767
19. Tanjore ..	8,956	659,486	148,400	214,295	1,357,789	2,388,861
20. Madurai ..	458,395	653,729	381,968	344,237	1,371,965	3,210,294
21. Ramanad ..	46,353	334,103	221,278	188,293	1,380,241	2,176,266
22. Tinnevely ..	226,908	567,335	53,588	347,773	1,271,801	2,767,405
23. The Nilgiris ..	330,930	49,206	75,099	120,056	75,320	650,611
24. Malabar ..	356,918	920,259	979,077	56,059	1,382,966	3,695,279
25. Anjengo ..		30	7		389	376
26. South Kanara ..	611,507	418,328	788,983	346,762	557,926	2,573,506
Total for the Presidency.	12,985,852	21,826,988	11,997,206	9,878,419	33,073,385	89,761,850

Appendix B—Table III.—Area irrigated and crops irrigated during the agricultural year 1920-21

Appendix B—Table III.—Area irrigated and crops irrigated

		Agency division.	Ganjam.	Vizag-patnam.	Godavari.	Kistna.
		(1-a)	(2)	(3)	(4)	(5)
1. Area irrigated during the year from	(a) Government canals	ACS.	ACS.	ACS.	ACS.	ACS.
	(b) Private canals	3,000	161,898	43,575	398,164	962,300
	(c) Tanks	16,672	453,833	293,392	40,225	77,968
	(d) Wells	262	7,906	36,244	11,530	5,382
	(e) Other sources	74,032	92,969	71,053	4,908	12,728
	Total	94,666	754,088	508,461	487,418	1,058,698
2. Crops irrigated.	(a) Rice	88,483	722,079	364,008	408,666	1,027,846
	(b) Wheat	7	7	7	7	1
	(c) Barley	1,655	1,655	1,655	1,655	406
	(d) Jawar	22,259	22,259	22,259	22,259	60
	(e) Bajra	87	87	87	87	2,263
	(f) Maize	1,792	64,156	106,557	18,155	5,155
	(g) Other cereals and pulses	581	1,091	23,032	(a) 11,531	832
	(h) Sugarcane	2,901	21,830	9,592	18,171	8,104
	(i) Other food-crops	181	1,202	14	14	4
	(j) Cotton	909	18,198	70,190	24,979	56,767
	(k) Other non-food-crops	94,666	830,579	595,659	(b) 477,871	1,100,937
	Total	94,666	830,579	595,659	(b) 477,871	1,100,937
Irrigated	Ragi	26,664	72,278	7,963	3,462	22,161
	Gingelly	12,761	49,658	22,742	19	15
	Groundnut	104	47	54	15	19
	Castor including lamp oil-seeds	39	150	20	54	18
	Indigo	9	803	4	18	21
	Korra	9	617	28	21	21
	Varagu	9	617	28	21	21

Appendix B—Table III.—Area irrigated and crops irrigated

		Madras.	South Arcot.	Salem.	Coimbatore.
		(15)	(16)	(17)	(18)
1. Area irrigated during the year from	(a) Government canals	ACS.	ACS.	ACS.	ACS.
	(b) Private canals	45,703	27,469	8,421	1,451
	(c) Tanks	91	8,421	30,768	20,768
	(d) Wells	293,684	77,358	291,500	6,221
	(e) Other sources	69,477	154,865	6,221	6,221
	Total	45,703	546,071	281,858	489,706
2. Crops irrigated.	(a) Rice	494,461	194,256	105,438	487
	(b) Wheat	307	307	307	307
	(c) Barley	1,892	30,558	172,857	172,857
	(d) Jawar	12,639	29,038	47,068	47,068
	(e) Bajra	245	245	245	245
	(f) Maize	87,292	59,049	139,513	139,513
	(g) Other cereals and pulses	5,475	4,717	7,754	7,754
	(h) Sugarcane	1,837	10,582	37,325	37,325
	(i) Other food-crops	3	4,263	86,090	86,090
	(j) Cotton	52,058	19,868	36,154	36,154
	(k) Other non-food-crops	45,703	546,071	281,858	489,706
	Total	45,703	656,557	362,883	682,686
Irrigated	Ragi	78,561	44,455	4,035	1,035
	Gingelly	4,373	4,373	4,373	4,373
	Groundnut	30,834	1,907	94	94
	Castor including lamp oil-seeds	6	102	102	102
	Indigo	1,701	1,597	9,653	9,653
	Korra	5,147	5,147	5,147	5,147
	Varagu	3,844	3,844	3,844	3,844

(a) This is the greater than the area shown in Table IV—Explanation has been called for.
 (b) This is less than the area irrigated (item 1)—Explanation has been called for.

during the agricultural year 1920-21.

Guntur.	Nellore.	Kurnool.	Eluru.	Anantapur.	Cuddapah.	Chittoor.	North Arcot.	Chingleput.
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
305,958	109,045	55,495	22,995	26,325	56,855	15,135	40,985	29,335
17,590	2,287	24,578	16,734	46,395	2,280	8,706	1,745	422,947
19,801	117,501	23,895	18,151	82,744	51,098	89,103	167,151	18,886
7,854	11,147	5,240	2,584	5,393	3,701	17,175	25,252	13,314
318,073	496,146	108,811	58,552	155,544	212,540	224,294	463,099	432,179
312,342	381,039	43,383	22,150	4,030	95,041	125,440	481,002	568,818
5,126	10,245	13,660	7,753	22,217	8,126	28,217	16,780	321
6,253	20,389	18,690	272	1,526	24,888	18,444	81,006	3,388
1,681	13	131	215	54,838	105,442	61,837	82,293	72,648
19,504	65,558	36,653	15,441	2,700	217	8,033	1,889	56
80	7	207	7,324	10,757	15,951	2,093	8,927	7,182
5,593	12,050	5,856	6,314	10,757	15,951	2,093	8,927	7,182
10	1,391	3,233	1,391	257	604	57	868	18,150
21,754	24,188	12,547	5,748	4,541	24,895	40,632	19,222	18,150
370,572	566,919	129,335	72,174	202,607	279,534	299,175	692,302	668,221
17,517	63,538	25,170	10,875	74,884	74,892	47,607	76,560	69,989
21	2,146	654	14	213	6,048	2,831	3,268	7,695
846	895	8,213	12	868	2,698	16,438	9,867	3,492
4	7	39	39	163	365	5,736	12	24
92	8,632	37	3,683	17	10,753	7,546	822	1,493
597	460	7,006	2,881	4,752	24,978	929	138	89
..	260	2,321	2	93	2,350	2,327	472	1,099
..	..	..	..	3	215	86	916	7

during the agricultural year 1920-21—cont.

Trichi-nopoly.	Tanjore.	Madara.	Ramnad.	Tinne-velly.	The Nilgiris.	Malabar.	Anjengo.	South Kanara.	Total for the Presidency.
(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
126,511	835,514	155,004	1,122	46,781	..	..	..	..	3,686,101
23	4,307	320	2,466	..	..	..	..	..	185,010
69,924	128,993	124,797	318,670	193,511	..	..	..	..	3,402,735
99,798	16,329	181,853	78,327	88,114	..	..	..	..	1,885,962
10,101	1,395	12,259	7,968	18,938	..	..	..	..	458,008
306,357	993,231	456,220	404,407	349,510	..	..	..	..	9,368,516
299,751	1,014,436	365,942	283,336	352,197	..	..	..	..	7,819,537
..	..	686	..	..	..	..	..	..	4,667
26,059	16,847	65,962	87,114	76,433	..	..	..	..	543,289
25,738	955	12,622	11,564	9,393	..	..	..	..	393,777
11	1	..	..	1	..	..	..	..	9,710
68,370	23,770	126,369	78,615	48,583	..	..	..	..	1,382,900
5,676	606	1,263	256	127	..	..	..	..	84,322
23,748	24,913	25,020	9,231	26,601	..	..	..	..	297,807
4,299	1	13,828	13,760	3,296	..	..	..	..	132,858
18,439	10,696	31,512	12,147	10,747	..	..	..	..	531,510
472,881	1,091,224	641,318	446,032	526,378	..	..	..	..	11,200,566
65,516	22,178	74,107	65,776	41,190	..	..	..	..	1,085,499
3,512	1,130	5,916	5,838	3,555	..	..	..	..	168,044
5,923	662	4,155	3,449	56	..	..	..	..	88,546
269	309	474	163	49	..	..	..	..	37,386
927	30	9	..	47	..	..	..	..	69,453
274	62	8,417	77	47	..	..	..	..	31,413
1,072	100	2,279	5,683	969	..	..	..	..	8,253
107	3	2,019	367	172	..	..	..	..	..

Appendix B—Table IV—Total area sown with crops during the

(1)	Agency Division.			
	1920-21.	1920-21.	1920-21.	1920-21.
	(2)	(3)	(4)	(5)
Cereals and pulses ..	1. Rice	697,795	1,084,669	887,709
	2. Wheat	4,435	7	15
	3. Barley	6		
	4. Cholam or jawar (millet) ..	115,557	5,466	77,717
	5. Cumbu or bajra (millet) ..	14,509	14,690	23,174
	6. Ragi or marua	224,980	226,981	195,117
	7. Maize	43,003	1,790	882
	8. Bengal gram (pulse)	1,895	808	3,395
	9. Other food-grains including pulses ..	185,812	199,469	350,745
	Total	1,387,271	1,533,380	1,112,657
Oil-seeds ..	10. Linseed	259	1,886	196,917
	11. Til or gingelly	34,886	57,189	71,854
	12. Rape and mustard	8,407	203	134
	13. Groundnut	268	22,275	38,155
	14. Coconut	185	10,621	3,026
	15. Castor and lamp oil seeds ..	28,907	8,254	8,568
	16. Others	128,991	201	1,557
Sugar ..	Total	201,903	95,670	188,567
	17. Condiments and spices ..	48,880	2,973	14,011
	Total	48,880	2,973	28,023
Fibres ..	18. Sugarcane	7,582	5,109	23,561
	19. Others	2,320	623	83
	Total	9,902	5,738	23,644
Dyes ..	20. Cotton	2,650	2,040	10,000
	21. Jute	300		116
	22. Others	593	2,771	45,381
Drugs and narcotics ..	Total	3,533	4,811	64,381
	23. Indigo	700		421
	24. Others	700		474
Total ..	Total	700		895
	25. Opium			
	26. Coffee			
Total ..	27. Tea	21,773	3,454	21,822
	28. Tobacco			7,347
	29. Cinchona			
Total ..	30. Indian hemp	21,711	585	324
	31. Others			634
	Total	43,484	4,039	22,146
32. Fodder crops	12,605	3,449	200	14,796
33. Fruits and vegetables including root crops ..	35,450	39,658	44,975	86,824
34. Miscellaneous crops	12,045	58	1,866	2,412
35. Grand total	91,298	20	869	21
36. Area sown more than once	1,747,046	1,385,721	1,464,501	(a) 985,280
37. Net area sown during the year	15,423	275,979	375,589	226,647
Varagu	780	381	10,312	1,958
Italian millet	7,210	455	13,841	7,124
Samai	114,826	16,125	13,240	5,885
Horsegram	19,518	45,208	62,955	39,685
Redgram	15,422	12,994	7,915	5,861
Greengram	7,475	96,391	47,897	21,588
Blackgram	7,550	17,267	11,379	23,153
Chillies	2,383	1,864	10,548	19,089
Garlic				4,916
Coriander	60	67	250	3,154
Turmeric	17,670	146	101	252
Bombay hemp	3	455	44,646	433
Sunn hemp	548	323	689	11,506
Betel vines		496	282	30
Arsonants	19,810			348
Plantains	3,109	4,552	994	6,908
Mangoes	28,601	22,593	18,340	17,359
Onions	2,518	974	2,269	4,753
Batal trees, casuarinas, bamboos and thatching grass ..	394,061	6,975	941	553
Rubber				
Flowers	19	16	235	
Pepper				
Benza				
Onum				

* Normal areas for the Agency Division and the Districts of Ganjam, Vizagapatam and Godavari as recently constituted have not been determined.

(a) This is greater than the details by 108 acres. Explanation has been called for.

agricultural year 1920-21 (paragraphs 5 and 6 of the report).

Total (Agency Division Ganjam, Vizagapatam and Godavari).		Kistna.		Guntur.		Nellore.	
Normal.	1920-21.	Normal.	1920-21.	Normal.	1920-21.	Normal.	1920-21.
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
2,997,700	2,610,591	1,181,650	1,664,084	382,800	354,840	411,600	323,592
3,300	4,457	50	13	1,550	216		
213,700	308,158	345,350	400,085	383,450	393,222	453,150	385,738
254,250	222,020	57,600	59,941	270,950	243,629	111,550	92,346
677,100	680,878	15,050	25,530	19,350	39,976	72,950	86,957
40,100	46,244	24,400	21,718	47,750	50,224		20
18,500	6,051	16,250	4,569	29,300	11,766	1,000	1,419
910,200	797,303	178,150	155,517	486,300	541,829	294,050	265,930
5,109,850	4,676,705	1,816,500	1,731,457	1,621,450	1,635,201	1,344,300	1,226,002
650	2,145			40	27		
301,750	300,946	82,200	98,315	950	848	4,250	3,137
37,300	9,686	50	133		130		3
44,600	60,655	1,700	2,691	4,850	6,464	2,100	1,254
59,150	62,367	7,650	9,485	350	669	350	263
20,800	37,619	27,150	15,019	63,000	43,961	64,850	37,138
96,900	130,749	850	175	1,100	471	10	9
561,150	603,666	119,800	125,198	70,290	52,561	71,080	41,804
77,760	93,869	24,900	30,984	167,400	176,181	11,750	10,606
42,850	47,768	500	954	10	60	10	7
1,090	3,171	5,000	831	2,400	4,325	650	1,145
43,446	50,989	5,500	1,785	2,410	4,385	660	1,156
28,400	28,640	58,550	43,635	153,250	133,238	48,850	31,319
77,700	61,238	43,300	30,830	124,400	53,119	2,000	1,441
104,100	90,294	101,850	74,466	277,650	186,327	50,850	32,751
3,800	1,086	19,900	10,835	55,500	28,415	50,600	17,352
1,200	1,174	40	64	40	19		
6,000	2,260	19,940	10,899	58,540	28,434	50,600	17,352
100							
51,850	54,396	10,850	10,258	55,150	55,042	2,660	2,615
10				250	251		
1,250	23,254	70	31	250	213	650	325
53,210	77,650	10,920	10,319	56,950	55,507	3,250	2,940
35,750	31,950	76,600	29,164	52,850	159,701	260	6
142,700	162,957	26,100	31,522	8,350	8,820	9,100	7,950
5,950	15,876	1,500	1,517	400	71	500	638
1,950	92,123	302	2,244	1,500	322	3,300	4,407
6,140,950	5,885,548	2,203,710	2,049,715	2,357,190	2,228,520	1,543,579	1,345,711
1,088,400	823,548	405,860	294,542	324,450	251,139	159,550	106,981
5,052,550	4,992,910	1,795,910	1,755,173	2,682,740	2,047,399	1,886,020	1,239,730
	13,581		11,885		2,906		49,460
	28,820		5,598		77,023		11,509
	160,875		1,469		1		1
	167,871		77,166		46,771		123,584
	41,812		6,740		20,273		234
	183,301		26,182		11,179		65,622
	59,154		12,137		683		2,624
	26,881		17,432		101,755		2,327
	4,316		613		613		
	3,541		4,072		61,430		306
	18,169		6,752		5,166		416
	45,537		1,775		8,886		378
	13,086		25,813		42,512		1,938
	508		31		211		314
	19,658						
	15,583		3,954		454		371
	80,823		13,135		5,510		5,925
	10,514		3,124		1,094		19
	402,550		4,785		19,702		12,958
	370				10		10

constituted have not been determined.

agricultural year 1920-21 (paragraphs 5 and 6 of the report)—*cont.*

Cuddapah.		Chittoor.		North Arcot.		Chingleput.		Madras.	
Normal. (20)	1920-21. (21)	Normal. (22)	1920-21. (23)	Normal. (24)	1920-21. (25)	Normal (26)	1920-21. (27)	Normal. (28)	1920-21. (29)
ACS. 132,800 350	ACS. 101,943 131	ACS. 196,350 400	ACS. 176,790 305	ACS. 524,400 200	ACS. 524,684 204	ACS. 638,650 ..	ACS. 692,089 ..	..	..
293,150 127,100 76,550 40 5,900 196,706	322,358 99,653 89,220 2 1,200 197,633	31,800 171,900 152,760 10 1,650 121,150	30,524 147,067 128,987 5,268 210 98,917	44,300 164,050 155,000 400 650 249,600	41,045 180,176 140,767 1,808 926 230,463	11,950 17,300 83,300 .. 350 56,100	8,010 12,297 85,460 .. 118 40,050	..	..
682,590	812,040	685,810	568,068	1,138,600	1,670,074	807,650	838,024	..	..
3,300	24 7,072	4,200	5,551 315	26,200 300	22,057 79	20,450	23,347	..	..
121,800 250 19,900 6,600	144,238 143 19,343 3,553	20,800 2,450 17,500 8,400	38,668 2,347 15,906 7,684	162,900 12,350 9,250 1,050	221,705 12,390 6,914 946	24,900 6,950 90 450	32,590 6,387 63 693	..	..
151,850	174,533	53,360	62,870	212,050	264,591	52,840	63,080	..	..
18,900	8,890	11,200	14,335	11,000	9,208	3,800	4,443	..	..
200 1,500	217 1,013	10,700 1,800	12,220 1,595	2,900 2,100	2,251 2,085	50 700	87 1,242	..	..
1,700	1,290	12,500	13,816	5,000	4,336	750	1,279	..	..
91,800 300	73,979 61 823	550 .. 150	740 133 264	250 .. 200	1,645 .. 61	10 .. 750	1 74 368	..	..
92,100	74,853	700	1,137	450	1,706	760	443	..	..
65,050 ..	13,833 ..	3,950 30	11,674 12	13,000 150	4,212 32	13,300 50	6,129 32	..	..
65,050	13,833	3,980	11,686	12,150	4,251	13,350	6,161	..	..
..	..	..	..	10	8	..	..	..	..
1,750	2,190	650	669	3,200	2,452	80	151	..	..
..	(b) 106	..	..	250	329	..	298	..	..
950	602	1,100	1,421	1,400	919	1,200	1,185	..	..
2,700	2,898	1,750	2,090	4,860	3,708	1,280	1,634	..	..
10	..	300	242	50	81	..	..	..	..
12,650	17,742	16,900	24,407	20,500	16,767	12,250	8,308	..	..
1,200 4,000	.. 4,443	3,300 4,250	2,303 2,875	450 10,650	754 14,987	.. 83,500	106 31,063	..	..
1,182,150	1,110,462	794,040	730,335	1,415,760	1,390,463	928,180	954,541	..	..
147,000	96,760	118,750	140,750	254,600	271,107	163,500	203,765	..	..
1,065,150	1,013,702	675,290	589,685	1,161,160	1,119,335	762,680	750,773	..	..
..	28,124	..	14,876	..	98,854	..	28,697	..	..
..	67,019	..	3,838	..	2,399	..	444	..	..
..	2,518	..	12,676	..	52,117	..	37	..	..
..	72,331	..	62,294	..	59,959	..	6,395	..	..
..	2,128	..	1,969	..	18,541	..	320	..	..
..	4,091	..	829	..	2,264	..	622	..	..
..	109	..	885	..	10,232	..	4,639	..	..
..	1,868	..	6,160	..	3,846	..	3,097	..	..
..	3,660	..	1,647	..	460	..	..	..	..
..	1,826	..	638	..	363	..	32	..	..
..	68	..	135	..	24	..	..	..	..
..	286	..	76	..	23	..	235	..	..
..	507	..	1,238	..	912	..	1,180	..	..
..	..	..	..	..	1	..	..	..	..
..	48	..	1,675	..	926	..	1,166	..	..
..	4,448	..	18,044	..	10,926	..	2,389	..	..
..	1,834	..	888	..	900	..	67	..	..
..	4,712	..	1,779	..	5,580	..	45,540	..	..
..	..	..	..	..	..	..	..	..	..
..	49	..	150	..	184	..	232	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..

actually related to Indian hemp, i.e., Ganja (*Cannabis sativa*).
explanation has been called for.

agricultural year 1920-21 (paragraphs 5 and 6 of the report)—cont.

Trichinopoly.		Tanjore.		Madura.		Ramanad.	
Normal. (36)	1920-21. (37)	Normal. (38)	1920-21. (39)	Normal. (40)	1920-21. (41)	Normal. (42)	1920-21. (43)
ACS. 289,350	ACS. 347,919	ACS. 1,103,900	ACS. 1,123,301	ACS. 312,300	ACS. 355,803	ACS. 338,850	ACS. 415,025
..	..	..	..	1,250	1,066	..	..
290,900	228,447	16,000	17,591	382,700	283,726	105,050	106,381
319,400	324,427	17,550	10,924	72,750	76,922	203,150	170,126
107,700	118,144	29,800	32,684	97,100	105,949	115,950	132,027
20	12	250	310	350	293	400	..
450	286	..	..	3,100	715	6,950	5,604
289,100	305,081	98,150	82,049	422,200	409,219	289,900	253,473
1,286,920	1,324,346	1,280,150	1,276,859	1,288,770	1,244,566	1,040,250	1,082,636
41,150	43,939	16,250	16,720	30,060	26,582	27,500	22,339
85,750	86,176	73,400	67,092	50,700	68,643	25,200	33,663
6,200	6,888	24,800	30,666	5,700	5,479	5,950	6,532
15,600	13,598	890	589	15,100	11,983	3,800	2,940
10	1,691	6,550	6,000	60	637	300	389
148,610	153,790	121,800	141,067	101,610	113,347	62,780	65,903
36,400	29,419	8,200	9,133	15,900	17,848	25,150	18,677
7,500	5,523	600	605	2,100	1,587	300	303
350	240	2,200	1,853	1,450	930	4,300	1,053
7,350	6,938	2,890	2,458	3,550	2,817	4,600	1,356
38,750	38,867	2,100	885	128,300	129,634	253,600	251,811
250	189	450	222	500	346	20	14
32,000	32,047	2,450	1,107	123,800	129,980	253,620	251,825
3,050	1,354	250	147	350	54	70	..
40	12	200	57	400	68	30	31
3,090	1,368	450	204	750	122	100	31
..	..	..	..	6,750	10,541	..	..
4,850	4,849	2,150	2,029	150	87	3,650	2,948
1,350	1,192	2,350	1,645	12,700	10,276	..	..
6,200	6,041	4,500	3,671	..	..	3,000	2,781
550	5,551	600	..	3,650	2,717	..	..
24,300	21,683	33,050	30,325	..	..	6,850	5,730
2,050	320	1,500	1,846	23,250	23,571	31,050	26,160
650	1,652	9,000	6,121	2,850	2,250	12,900	7,724
1,565,620	1,589,178	1,444,600	1,472,792	28,300	28,232	..	..
134,800	172,415	98,150	115,012	1,400	16	3,200	3,944
1,430,820	1,416,763	1,346,450	1,357,780	8,400	1,829	1,440,480	1,463,986
..	204,440	..	66,937	1,608,580	1,564,578	59,400	83,745
..	921	..	322	1,371,965	1,381,080	..	1,380,241
..	25,611	..	382	..	..	..	120,508
..	42,073	..	1,281	..	..	..	674
..	22,530	..	7,078	..	..	..	18,382
..	700	..	639	..	..	..	16,744
..	1,484	..	3,050	..	..	..	6,242
..	9,822	..	5,524	..	..	..	6,516
..	106	..	..	..	..	..	13,756
..	14,844	..	..	..	..	..	11,035
..	499	..	367	..	..	..	..
..	1	..	721	..	..	..	5,984
..	1	..	..	..	..	..	..
..	1,181	..	1,610	..	..	..	..
..	9	..	20	..	..	..	..
..	9,989	..	11,425	..	..	..	..
..	2,506	..	6,237	..	..	..	..
..	1,809	..	273	..	..	..	..
..	7,150	..	25,859	..	..	..	..
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Appendix B—Table IV—Total area sown with crops during the

		Tinnevely.		The Nilgiris.		Malabar.	
		Normal. (44)	1920-21. (45)	Normal. (46)	1920-21. (47)	Normal. (48)	1920-21. (49)
Cereals and pulses.	1. Rice	313,400	358,444	5,700	5,322	875,000	888,711
	2. Wheat .. .. .	.. .. .	.. .. .	1,800	1,846	.. .. .	.. .. .
	3. Barley	40	.. .. .	3,100	2,612	.. .. .	.. .. .
	4. Oholam or jawar (millet)	111,450	115,673	100	95	150	144
	5. Cambu or bajra (millet)	224,050	217,497	.. .. .	.. .. .	20	5
	6. Ragi or marua	40,400	46,200	2,400	2,198	13,700	12,747
	7. Maize	60	4	20	10	.. .. .	.. .. .
	8. Bengalgram (pulse)	3,750	3,200	10	37	.. .. .	375
	9. Other food-grains including pulses	285,200	309,395	11,470	9,245	47,890	36,582
	Total	978,350	1,048,413	24,600	21,165	938,760	938,564
Oil-seeds	10. Linseed	64,100	39,529	20	30	15,450	14,454
	11. Tili or gingelly	50	34	30	38	40	40
	12. Rape and mustard	300	3,003	10	.. .. .	450	631
	13. Ground-nut	4,500	4,870	.. .. .	.. .. .	345,550	323,957
	14. Coconut	2,100	2,387	.. .. .	.. .. .	700	403
	15. Castor and lamp oil seeds .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	16. Others	200	5,559	10	.. .. .	700	400
Total	61,250	55,332	70	68	363,890	339,905	
17. Condiments and spices		28,150	35,205	380	327	80,850	95,527
Sugar	18. Sugarcane	200	134	.. .. .	2	90	70
	19. Others	42,400	39,187	.. .. .	.. .. .	9,000	10,981
	Total	42,600	39,321	.. .. .	2	9,090	11,051
Fibres	20. Cotton	267,900	242,379	.. .. .	.. .. .	50	322
	21. Jute	550	733	.. .. .	.. .. .	150	137
	22. Others .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	200	459
Dyes	23. Indigo	350	107	.. .. .	.. .. .	.. .. .	.. .. .
	24. Others	300	7,168	100	.. .. .	.. .. .	.. .. .
Total		650	7,275	100	.. .. .	.. .. .	.. .. .
Drugs and narcotics	25. Opium	600	428	25,100	25,165	5,750	5,650
	26. Coffee	10	19	15,050	17,302	11,600	16,182
	27. Tea	950	720	50	35	20	22
	28. Tobacco .. .. .	.. .. .	.. .. .	2,350	2,283	.. .. .	.. .. .
	29. Cinchona .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	30. Indian hemp	9,550	2,010	.. .. .	4	70,000	79,534
	31. Others .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Total		11,210	3,177	42,550	44,791	87,870	102,388
32. Fodder crops		58,350	51,992	60	.. .. .	200	182
33. Fruits and vegetables including root crops		15,850	15,851	6,420	9,809	155,550	153,147
34. Miscellaneous crops	(a) Food	1,200	554	.. .. .	150	250	14,291
	(b) Non-food	11,600	2,897	2,600	2,333	13,050	16,402
35. Grand total		1,477,660	1,503,879	76,780	78,731	1,645,710	1,672,916
36. Area sown more than once		211,300	231,578	3,150	3,411	285,450	289,950
37. Net area sown during the year		1,266,360	1,271,301	73,630	75,320	1,360,260	1,382,966
Varagu .. .. .		.. .. .	16,646	.. .. .	11	.. .. .	.. .. .
Italian millet .. .. .		.. .. .	287	.. .. .	159	.. .. .	36
Samai .. .. .		.. .. .	78,980	.. .. .	4,167	.. .. .	15,429
Horsegram .. .. .		.. .. .	122,123	.. .. .	30	.. .. .	5,876
Redgram .. .. .		.. .. .	4,840	.. .. .	.. .. .	.. .. .	1,627
Greengram .. .. .		.. .. .	12,824	.. .. .	.. .. .	.. .. .	1,490
Blackgram .. .. .		.. .. .	19,854	.. .. .	.. .. .	.. .. .	5,029
Chillies .. .. .		.. .. .	19,078	.. .. .	51	.. .. .	3,538
Garlic .. .. .		.. .. .	261	.. .. .	303	.. .. .	.. .. .
Coriander .. .. .		.. .. .	13,278	.. .. .	25	.. .. .	570
Turmeric .. .. .		.. .. .	119	.. .. .	7	.. .. .	7,202
Bombay hemp .. .. .		.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	60
Sunn hemp .. .. .		.. .. .	547	.. .. .	.. .. .	.. .. .	3,064
Betel vines .. .. .		.. .. .	1,722	.. .. .	4	.. .. .	75,894
Areacants .. .. .		.. .. .	1	.. .. .	.. .. .	.. .. .	43,945
Plantains .. .. .		.. .. .	5,182	.. .. .	400	.. .. .	45,527
Mangoes .. .. .		.. .. .	772	.. .. .	.. .. .	.. .. .	110
Onions .. .. .		.. .. .	4,192	.. .. .	77	.. .. .	6,536
Babul trees, casuarinas, bamboos and thatching grass .. .. .		.. .. .	23,165	.. .. .	1,084	.. .. .	10,985
Rubber .. .. .		.. .. .	.. .. .	.. .. .	14	.. .. .	364
Flowers .. .. .		.. .. .	420	.. .. .	75	.. .. .	57,329
Pepper .. .. .		.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Senna .. .. .		.. .. .	134	.. .. .	.. .. .	.. .. .	.. .. .
Onam .. .. .		.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .

agriculture, year 1920-21 (paragraphs 5 and 6 of the report)—cont.

	Anjengo.		South Kanara.		Total for the Presidency.		Botanical names.
	Normal. (50)	1920-21. (51)	Normal. (52)	1920-21. (53)	Normal. (54)	1920-21. (55)	
Cereals and pulses.	1. Oryza sativa .. .. .	.. .. .	595,700	595,596	11,361,500	11,096,365	1. Oryza sativa
	2. Triticum sativum .. .. .	.. .. .	.. .. .	.. .. .	18,500	19,816	2. Triticum sativum
	3. Hordeum vulgare .. .. .	.. .. .	.. .. .	.. .. .	3,210	3,491	3. Hordeum vulgare
	4. Sorghum vulgare .. .. .	.. .. .	.. .. .	.. .. .	5,170,950	5,222,431	4. Sorghum vulgare
	5. Pennisetum typhoides .. .. .	.. .. .	.. .. .	.. .. .	3,504,920	3,611,579	5. Pennisetum typhoides
	6. Eleusine coracana .. .. .	.. .. .	6,000	6,474	2,482,050	2,541,341	6. Eleusine coracana
	7. Zea mays .. .. .	.. .. .	.. .. .	.. .. .	114,870	127,624	7. Zea mays
	8. Cicer arietinum .. .. .	.. .. .	.. .. .	.. .. .	143,710	93,789	8. Cicer arietinum
	9. .. .. .	.. .. .	48,250	44,361	7,438,760	7,015,350	9.
	Total .. .. .	.. .. .	659,950	646,431	30,305,470	29,131,786	Total
Oilseeds.	10. Linum usitatissimum .. .. .	.. .. .	.. .. .	.. .. .	14,820	8,792	10. Linum usitatissimum
	11. Sesamum indicum .. .. .	.. .. .	2,550	2,908	792,720	752,622	11. Sesamum indicum
	12. Brassica, sp. .. .. .	.. .. .	.. .. .	.. .. .	38,280	10,547	12. Brassica, sp.
	13. Arachis hypogaea .. .. .	.. .. .	10	.. .. .	1,464,570	1,599,738	13. Arachis hypogaea
	14. Cocos nucifera	350	339	46,830	48,501	556,540	14. Cocos nucifera
	15. Ricinus communis .. .. .	.. .. .	150	212	501,340	390,658	15. Ricinus communis
	16. .. .. .	.. .. .	60	63	150,790	182,593	16.
Total .. .. .	.. .. .	339	49,600	49,931	3,619,130	3,489,707	Total
Sugar.	17. .. .. .	.. .. .	10,140	12,738	642,670	668,780	17.
	18. Saccharum officinarum .. .. .	.. .. .	9,750	2,887	405,760	103,398	18. Saccharum officinarum
Total .. .. .	.. .. .	.. .. .	400	347	93,090	88,616	Total
Fibres.	19. .. .. .	.. .. .	3,150	3,234	198,850	186,924	19.
	20. Gossypium, sp. .. .. .	.. .. .	150	154	2,271,910	2,121,628	20. Gossypium, sp.
Total .. .. .	.. .. .	.. .. .	200	257	258,770	154,916	Total
Dyes.	21. Corchorus, sp. .. .. .	.. .. .	350	421	2,330,690	2,277,221	21. Corchorus, sp.
	22. .. .. .	.. .. .	.. .. .	.. .. .	266,070	112,188	22.
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	8,340	8,941	Total
Drugs.	23. Indigofera tinctoria .. .. .	.. .. .	.. .. .	.. .. .	271,610	121,079	23. Indigofera tinctoria
	24. .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	24.
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	Total
Drugs and narcotics.	25. Papaver somniferum .. .. .	.. .. .	30	24	47,490	54,108	25. Papaver somniferum
	26. Coffea arabica .. .. .	.. .. .	.. .. .	.. .. .	32,430	40,250	26. Coffea arabica
Total .. .. .	.. .. .	.. .. .	1,350	1,891	214,400	201,062	Total
	27. Camellia thea .. .. .	.. .. .	.. .. .	.. .. .	2,360	2,957	27. Camellia thea
Total .. .. .	.. .. .	.. .. .	16,060	17,723	139,960	147,919	Total
Total .. .. .	.. .. .	.. .. .	17,430	19,638	437,170	458,286	Total
Total .. .. .	.. .. .	.. .. .	900	1,047	310,930	298,872	Total
Total .. .. .	.. .. .	.. .. .	17,830	17,063	609,100	632,137	Total
Total .. .. .	.. .. .	.. .. .	150	191	19,650	41,919	Total
	.. .. .	.. .. .	.. .. .	.. .. .	146,700	251,855	.. .. .
Total	350	339	750,500	750,750	38,991,960	37,553,088	Total
Total .. .. .	.. .. .	.. .. .	200,350	192,824	4,682,060	4,479,683	Total
	350	339	550,150	557,926	34,309,900	33,073,395	Total
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	1,140,584	1,140,584	Total
	.. .. .	.. .. .	.. .. .	.. .. .	1,412,078	1,412,078	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	779,171	779,171	Total
	.. .. .	.. .. .	.. .. .	.. .. .	1,989,010	1,989,010	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	223,637	223,637	Total
	.. .. .	.. .. .	.. .. .	.. .. .	363,088	363,088	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	218,312	218,312	Total
	.. .. .	.. .. .	.. .. .	.. .. .	301,799	301,799	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	14,169	14,169	Total
	.. .. .	.. .. .	.. .. .	.. .. .	128,807	128,807	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	42,459	42,459	Total
	.. .. .	.. .. .	.. .. .	.. .. .	59,053	59,053	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	87,747	87,747	Total
	.. .. .	.. .. .	.. .. .	.. .. .	22,971	22,971	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	117,291	117,291	Total
	.. .. .	.. .. .	.. .. .	.. .. .	123,547	123,547	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	218,629	218,629	Total
	.. .. .	.. .. .	.. .. .	.. .. .	43,963	43,963	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	18,240	18,240	Total
	.. .. .	.. .. .	.. .. .	.. .. .	4,019	4,019	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	73,219	73,219	Total
	.. .. .	.. .. .	.. .. .	.. .. .	1,867	1,867	.. .. .
Total .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	1,000	1,000	Total
							

(c) This is greater than the details in the same column by 108 acres. Vide remark under Godevari.

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 1920-21.

Districts.	Number of oil-engines in working order.	Tanks with ayacuts								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
Agency division	...	22	56	90	83	5	1	117	89	17	0	2	
Ganjam	...	765	29	1,520	111	87	...	2,372	140	734	1	...	2,419
Vizagapatam	...	388	234	781	16	82	...	1,179	250	297	41	1,349	2,841
Godavari	...	146	92	476	55	21	28	842	175	610	12	...	715
Kistna	13	88	1,023	348	172	35	3	471	1,198	903	78	3,745	3,440
Guntur	2	19	13	236	41	11	1	266	55	2,089	10	...	1,047
Kurnool	...	31	15	309	19	30	...	429	53	218	...	...	...
Bellary	9	80	36	189	17	27	...	296	63	173	10	292	6,742
Anantapur	...	272	45	717	80	102	...	1,091	75	1,473	183	222	24,919
Cuddapah	35	109	28	630	49	53	1	1,182	78	601	28	1,692	30,467
Nellore	2	25	35	398	91	182	3	605	129	101	...	979	13,392
Chingleput	24	286	15	1,330	22	401	...	2,577	37	455	8	28	21,882
South Arcot	69	200	188	2,079	184	470	1	2,549	333	441	30	7	84,669
Chittoor	1	1,888	36	1,774	34	31	...	3,673	72	1,073	55	203	20,804
North Arcot	11	258	113	2,108	60	273	...	2,639	163	982	2	2	118,497
Salem	...	648	138	1,017	111	50	1	1,721	260	833	61	44	50,864
Coimbatore	66	4	12	78	16	34	2	111	30	72	289	...	80,788
Trichinopoly	6	672	46	672	14	54	...	1,395	86	896	...	2	28,689
Tanjore	17	115	17	526	33	46	2	637	52	2,426	...	...	9,409
Madura	3	2,225	247	1,427	18	88	...	3,740	285	620	...	32	42,930
Ramnad	...	9	7	223	8	48	...	275	15	23	...	...	21,275
Tinnevely	5	288	75	1,492	137	129	1	1,904	213	262	10	1,179	29,434
Total	268	8,930	3,509	18,916	1,213	2,079	44	29,924	3,766	14,799	1,223	7,425	68,792

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 1920-21.

Districts.	Paddy.	Cholam.	Cumbu.	Ragi.	Bengalgram.	Varagu.	Morsegram.	Cotton, unirrigated.	Cotton, irrigated.	Indigo.	Sugarcane.	Castors.	Gingelly.	Groundnut.	Tobacco.	Korra.	Sesai.	Maize.
Agency division	81	96	102	88	110	97	100	100	...	...	92	100	100	120	88	132	117	119
Ganjam	46	78	106	106	125	62	88	88	...	...	83	95	104	123	116	103	...	103
Vizagapatam	56	97	78	84	55	113	100	76	...	107	77	102	84	116	99	187	104	185
Godavari	94	107	77	82	118	108	104	100	...	108	92	85	79	92	98	108	52	128
Kistna	96	108	97	83	127	98	100	99	...	96	92	80	91	103	107	88	43	85
Guntur	107	89	103	87	92	75	107	89	...	109	80	94	91	103	108	83	68	95
Kurnool	77	72	81	78	83	66	64	75	...	63	106	69	61	76	75	83	68	85
Bellary	101	61	80	114	64	112	88	53	...	103	99	84	92	76	81	88	75	94
Anantapur	85	63	83	92	89	74	74	46	...	71	80	87	97	92	63	84	91	44
Cuddapah	54	105	100	97	90	85	82	98	...	95	99	96	100	92	96	106	82	100
Nellore	104	119	103	101	131	115	108	116	...	97	110	121	100	118	99	114	99	100
Chingleput	103	105	102	101	79	109	100	130	...	95	98	110	101	103	84	104	117	...
South Arcot	95	96	93	93	104	96	95	83	...	96	96	95	89	91	92	105	103	...
Chittoor	99	95	101	103	108	110	105	100	...	96	101	107	93	90	91	117	132	100
North Arcot	95	97	97	96	106	94	83	119	...	99	99	96	94	96	97	104	96	113
Salem	94	101	107	105	103	101	85	112	...	96	103	88	103	104	104	108	147	...
Coimbatore	98	100	101	101	96	99	99	99	...	88	99	101	101	101	93	104	103	167
Trichinopoly	97	95	97	95	101	95	100	93	...	97	95	99	95	94	94	112	113	99
Tanjore	93	90	102	92	...	89	114	89	...	108	102	109	99	99	93	108	77	192
Madura	105	101	101	106	97	108	106	92	...	101	101	109	99	99	103	119	108	127
Ramnad	112	103	94	99	108	94	89	100	...	101	93	104	98	106	106	105	85	...
Tinnevely	90	80	85	80	84	71	88	103	...	82	94	96	83	88	85	100	94	81
Malabar	102	114	113	91	...	107	99	...	...	103	106	101	110	90	118	110	...	...
South Kanara	104	...	...	...	...	107	...	...	...	...	...	...	...	...	...	...	...	...
The Nilgiris	25	120	...	99	125	139	114	...	...	...	110	...	...	108	125	108	...	98

Note.—The figures for paddy, cholam, cumbu and ragi in Ganjam relate to the unirrigated variety only.

APPENDIX E.

Statement showing the total produce of the principal crops during the agricultural year 1920-21.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.	
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.		
										(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Paddy, irrigated— <i>Oryza sativa</i> .										
Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.	
Ganjam ..	804,947	88,488	778,600	1,400	98	81	457,600	884,600	451,900	
Vizagapatam ..	561,951	361,008	787,800	1,400	89	56	314,000	127,400	192,400	
Godavari ..	544,537	403,968	565,500	2,600	96	94	466,700	339,000	504,900	
Kistna ..	1,156,296	1,027,346	1,094,500	1,900	80	96	832,700	838,600	852,000	
Guntur ..	809,882	313,404	819,950	1,800	101	107	261,500	269,500	257,100	
Kurnool ..	68,682	43,383	72,000	1,600	101	77	49,600	23,900	51,400	
Bellary ..	42,346	32,180	31,600	1,700	87	101	28,000	24,700	24,000	
Anantapur ..	160,655	64,030	110,900	1,700	90	85	109,700	41,300	83,600	
Cuddapah ..	125,482	98,041	126,200	1,800	99	94	99,800	74,100	101,400	
Nellore ..	460,389	381,935	396,150	1,550	106	104	337,600	274,200	274,100	
Chingleput ..	801,053	566,818	544,650	1,550	104	103	434,700	402,600	376,900	
South Arcot ..	477,306	494,461	428,150	1,850	96	95	378,400	388,000	353,600	
Chittoor ..	200,026	128,441	180,650	1,400	97	99	169,600	198,200	165,100	
North Arcot ..	156,644	481,002	480,450	1,900	101	95	391,100	387,600	407,600	
Salem ..	181,569	194,256	187,550	1,400	99	94	162,300	154,900	159,100	
Coimbatore ..	107,304	103,438	94,100	1,500	97	98	88,300	57,600	79,800	
Trichinopoly ..	289,450	299,751	247,050	1,900	94	97	230,800	248,600	209,600	
Tanjore ..	1,013,194	1,014,436	989,000	1,750	94	98	745,300	737,100	772,700	
Madura ..	333,456	368,912	319,700	1,550	107	106	310,600	332,700	270,500	
Ramnad ..	325,226	283,335	286,500	1,800	120	111	318,600	252,700	230,600	
Tinnevely ..	842,965	352,197	310,950	2,000	95	90	295,900	283,000	277,600	
Malabar ..	..	..	..	..	..	..	..	..	..	
South Kanara ..	..	..	..	..	..	..	..	..	..	
The Nilgiris ..	..	..	..	..	..	..	..	..	..	
Total ..	8,571,144	7,819,587	8,262,250	1,730	98	96	6,498,700	5,800,100	6,383,600	

Paddy, unirrigated— <i>Oryza sativa</i> .									
Agency division	...	...	...	...	...	...	...	...	...
Ganjam	469,489	609,312	423,210	1,600	86	48	123,000	220,800	151,200
Vizagapatam	324,537	362,520	378,550	800	89	56	166,900	89,600	186,200
Godavari	42,247	23,701	37,850	900	90	94	24,000	4,700	25,700
Kistna	44,979	36,738	57,150	1,000	90	93	18,100	15,700	79,100
Guntur	40,520	41,436	52,850	1,100	101	107	20,100	21,800	30,900
Kurnool	11,715	14,118	14,500	1,000	101	77	6,300	4,900	8,500
Bellary	1,809	2,250	3,950	800	87	101	600	900	1,800
Anantapur	3,438	749	6,350	800	90	85	1,100	230	2,380
Cuddapah	5,489	3,302	6,600	900	99	94	2,200	1,200	2,700
Nellore	12,762	12,553	15,450	1,100	106	104	6,600	5,400	7,500
Chingleput	78,684	125,771	94,000	1,100	104	103	37,800	63,600	46,200
South Arcot	80,625	101,763	86,650	1,100	96	95	38,000	47,500	42,600
Chittoor	9,204	50,349	15,800	1,000	97	99	4,000	22,300	7,100
North Arcot	57,196	43,884	43,350	1,100	101	95	23,400	20,400	21,600
Salem	8,818	15,547	21,400	800	99	94	3,100	5,600	5,600
Coimbatore	863	1,018	1,100	800	97	93	300	360	890
Trichinopoly	52,813	48,138	42,000	1,000	94	97	13,800	20,000	38,800
Tanjore	109,927	118,566	114,000	1,100	94	93	56,700	54,800	56,400
Madura	1,449	1,861	1,600	900	107	105	620	790	840
Madurai	115,388	131,080	52,050	1,100	120	111	79,500	71,800	25,800
Tinnevely	5,205	4,247	2,150	1,000	95	90	2,200	1,700	1,090
Malabar	865,078	883,711	875,000	1,400	99	102	537,100	560,600	548,200
South Kanara	695,919	696,596	598,000	1,500	100	104	329,100	414,800	399,600
The Nilgiris	5,338	5,312	5,700	1,800	90	95	3,900	4,400	4,600
Total	3,077,142	3,276,828	3,109,250	1,170	97	96	1,552,220	1,644,280	1,638,100

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
Cholam, unirrigated—Sorghum vulgare.									
Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam ..	28,801	114,467	29,200	700	116	78	10,500	34,700	9,100
Vizagapatam ..	67,479	76,082	73,300	700	93	97	19,600	23,100	22,900
Godavari ..	96,856	108,355	107,000	700	93	107	28,100	38,200	32,400
Kistna ..	388,528	389,679	345,350	700	90	106	188,100	132,400	107,900
Guntur ..	407,708	390,102	383,450	630	57	89	65,400	97,600	107,800
Kurnool ..	737,959	734,536	691,950	630	89	72	184,300	148,700	194,600
Bellary ..	935,025	737,072	713,600	450	97	61	182,200	90,300	143,400
Anantapur ..	282,159	296,131	326,350	450	92	63	61,200	37,500	66,600
Cuddapah ..	304,669	314,258	277,550	630	103	105	93,500	92,600	78,100
Nellore ..	377,657	375,493	448,600	600	104	113	106,200	113,700	120,200
Chingleput ..	8,622	7,489	11,000	600	86	105	2,000	2,100	2,900
South Arcot ..	71,997	51,596	50,350	600	97	96	18,700	13,300	13,600
Chittoor ..	9,107	7,277	9,000	600	93	96	2,800	1,900	2,400
North Arcot ..	30,873	24,285	26,900	600	96	97	7,900	6,800	7,200
Salem ..	136,435	109,618	109,900	600	92	101	34,000	29,500	29,400
Coimbatore ..	423,374	398,034	380,400	600	93	100	105,500	106,600	102,900
Trichinopoly ..	267,617	201,488	254,000	600	94	95	58,100	42,700	56,700
Tanjore ..	743	744	1,900	500	92	90	150	150	420
Madura ..	246,014	217,764	297,200	600	99	101	65,200	68,900	79,600
Ramnad ..	51,710	69,257	72,500	400	100	103	14,600	12,700	12,900
Tinnevely ..	35,141	39,240	41,600	550	88	80	4,800	4,900	5,500
Malabar ..	92	144	150	700	118	114	30	50	50
South Kanara ..									
The Nilgiris ..	118	95	100	500	121	120	30	30	20
Total ..	4,916,108	4,679,142	4,652,450	576	91	90	1,164,410	1,087,430	1,106,650

<i>Spiked millet (cumbu or sajj), irrigated—Pennisetum typhoideum.</i>									
Agency division									
Ganjam ..	75		300	1,200	105		40		160
Vizagapatam ..	2,947	22,259	3,100	1,200	92	78	1,450	9,300	1,660
Godavari ..			500	1,200	110	77			270
Kistna ..	271	69		1,200	102	97	150	40	
Guntur ..	4,676	6,253	2,700	1,200	64	103	1,800	3,500	1,400
Kurnool ..	11,343	13,690	11,550	1,200	91	87	5,600	6,400	6,200
Bellary ..	214	272	400	1,300	83	80	100	130	230
Anantapur ..	13,148	1,528	1,000	1,200	102	33	5,550	680	1,020
Cuddapah ..	33,557	26,438	28,000	1,300	101	100	19,700	15,400	16,300
Nellore ..	78,760	70,789	74,750	1,300	99	105	45,200	43,100	42,400
Chingleput ..	2,680	3,288	3,500	1,000	97	102	1,200	1,500	1,800
South Arcot ..	12,724	12,539	11,800	1,000	92	93	5,200	6,200	5,300
Chittoor ..	21,041	18,485	16,800	1,200	109	101	12,300	10,000	8,900
North Arcot ..	23,660	81,608	10,950	1,100	93	97	10,800	28,600	5,400
Salem ..	42,717	29,938	28,400	1,300	93	107	28,100	18,600	16,500
Coimbatore ..	36,307	47,068	37,600	1,200	95	101	20,000	25,500	20,100
Trichinopoly ..	31,986	26,728	36,200	1,200	91	97	18,600	18,400	19,400
Tanjore ..	1,740	955	1,350	1,200	102	102	520	520	720
Madura ..	13,055	12,622	11,050	1,000	108	111	6,300	6,300	3,300
Ramnad ..	8,593	11,564	16,900	1,000	100	94	3,800	4,900	7,800
Tinnevely ..	9,194	9,393	8,950	1,000	93	80	3,800	3,700	4,000
Malabar ..									
South Kanara ..									
The Nilgiris ..									
Total ..	318,708	393,777	309,650	1,200	97	98	182,840	206,470	165,460

<i>Spiked millet (cumbu or sajj), unirrigated—Pennisetum typhoideum.</i>									
Agency division									
Ganjam ..	26,319	14,690	81,650	600	105	105	8,000	4,500	9,200
Vizagapatam ..	198,394	147,588	184,000	700	92	78	57,000	35,900	57,500
Godavari ..	89,322	93,174	34,800	630	110	77	12,300	5,000	9,600
Kistna ..	58,785	59,872	67,600	630	102	97	16,900	16,300	16,200
Guntur ..	214,789	237,375	268,250	630	64	103	38,700	68,800	75,400
Kurnool ..	62,299	47,216	75,600	550	51	87	18,900	19,100	18,600
Bellary ..	65,689	87,973	117,550	450	83	80	11,000	14,100	23,600
Anantapur ..	123,180	119,291	138,750	400	102	33	22,400	17,700	24,800
Cuddapah ..	92,809	73,120	99,100	700	101	100	29,300	22,900	31,000
Nellore ..	99,739	21,557	36,800	700	99	105	9,200	7,100	11,500
Chingleput ..	11,832	8,911	13,800	650	97	102	3,200	2,600	4,000
South Arcot ..	159,815	103,630	174,750	700	92	93	43,400	30,100	34,600
Chittoor ..	151,682	128,582	155,300	650	109	101	47,800	37,700	45,100
North Arcot ..	162,298	48,579	153,100	650	93	97	48,900	13,700	14,400
Salem ..	414,126	366,200	424,500	600	93	107	103,700	101,200	112,600
Coimbatore ..	410,512	389,051	474,600	400	95	101	69,600	70,200	84,800
Trichinopoly ..	262,342	203,419	282,200	600	91	97	53,300	84,700	62,200
Tanjore ..	14,882	9,869	16,200	700	102	102	4,700	3,200	5,100
Madura ..	55,830	64,260	58,700	450	108	111	12,100	14,300	11,800
Ramnad ..	159,700	158,662	186,200	400	100	94	28,500	26,600	33,300
Tinnevely ..	211,052	208,104	215,100	450	93	89	39,400	37,200	43,200
Malabar ..	14	5	20	600	114	113			10
South Kanara ..									
The Nilgiris ..									
Total ..	2,910,247	2,617,802	3,195,270	550	94	95	667,900	607,200	779,710

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Ragi, irrigated—Eleusine coracana.									
	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Agency division ..					129	93	15,000	19,700	13,300
Ganjam ..	26,132	25,564	30,800	1,000	97	94	49,500	36,400	46,200
Vizagapatam ..	95,205	72,278	86,200	1,200	99	82	4,400	3,500	2,900
Godavari ..	8,345	7,993	5,500	1,200	83	93	3,400	2,000	1,300
Kistna ..	6,620	3,462	2,150	1,400	94	101	14,800	15,000	6,000
Guntur ..	18,501	17,517	7,050	1,900	96	78	16,800	14,000	11,900
Kurnool ..	23,109	25,170	16,600	1,600	101	114	4,400	5,500	3,100
Bellary ..	9,739	10,875	6,900	1,000	101	92	39,900	47,700	44,700
Anantapur ..	57,061	74,884	64,550	1,550	100	97	60,900	53,200	47,400
Cuddapah ..	69,114	74,392	64,300	1,650	104	101	44,700	47,300	42,600
Nellore ..	58,835	63,533	57,850	1,650	101	101	36,900	34,700	28,900
Chingleput ..	72,411	69,989	58,900	1,100	94	93	44,700	48,800	40,900
South Arcot ..	71,047	78,561	61,100	1,500	100	113	54,400	43,200	58,200
Chittoor ..	67,898	47,607	66,200	1,800	97	96	52,800	50,900	66,800
North Arcot ..	78,668	76,560	98,600	1,550	105	105	24,800	32,300	26,200
Salem ..	34,186	44,465	37,800	1,550	100	101	89,000	94,100	81,500
Coimbatore ..	117,340	122,814	107,450	1,700	89	95	36,400	39,600	36,400
Trichinopoly ..	65,414	68,516	58,300	1,400	92	92	10,300	10,000	8,900
Tanjore ..	22,763	22,176	18,100	1,100	103	106	48,100	49,100	37,600
Madura ..	74,742	74,107	60,200	1,400	99	99	42,800	43,600	50,500
Ramnad ..	64,545	65,774	75,350	1,500	70	80	20,500	23,500	24,500
Tinnevely ..	41,003	41,190	34,300	1,600					
Malabar ..	..	..	..	..	..	..	..	..	..
South Kanara ..	..	..	..	..	..	..	..	..	..
The Nilgiris ..	..	..	..	..	..	..	..	..	..
Total ..	1,081,873	1,086,499	1,016,100	1,480	98	98	709,500	705,100	675,300

Ragi, unirrigated—Eleusine coracana.									
Agency division	229,679	224,959	241,000	700	97	186	69,600	66,700	75,300
Ganjam	274,221	122,839	288,400	700	97	94	83,100	86,100	90,100
Vizagapatam	31,068	25,853	26,200	800	99	82	11,000	7,600	9,000
Godavari	16,893	22,098	12,900	800	83	93	5,000	7,800	4,900
Kistna	17,002	22,459	12,300	800	94	101	5,700	8,100	4,400
Guntur	4,933	10,012	6,400	650	96	78	1,400	2,300	1,900
Kurnool	16,087	22,437	25,950	450	101	114	3,300	5,100	5,200
Bellary	45,338	29,053	37,400	600	101	92	12,300	7,900	10,000
Anantapur	12,295	15,128	12,250	600	100	97	3,800	3,900	3,800
Cuddapah	28,124	23,424	15,100	600	104	101	7,800	6,800	4,000
Nellore	22,110	15,471	24,400	600	101	101	6,000	4,200	6,500
Chingleput	73,592	36,667	55,800	800	94	98	12,600	12,200	19,900
South Arcot	73,322	81,880	86,550	700	100	113	22,900	28,700	27,000
Chittoor	67,195	64,207	58,400	800	97	96	23,300	22,000	20,000
North Arcot	238,286	265,229	316,800	750	105	105	83,800	93,200	106,100
Salem	87,545	86,691	87,900	800	100	101	31,300	31,800	31,400
Coimbatore	46,708	51,628	49,500	650	89	95	12,100	14,200	14,400
Trichinopoly	12,202	10,508	11,200	500	92	92	2,600	2,200	2,500
Mayore	31,404	31,842	36,900	650	103	106	9,400	9,800	10,700
Madura	75,574	66,251	40,600	400	99	99	11,400	11,700	7,300
Ramanad	6,960	5,010	6,100	500	70	80	1,000	900	1,300
Tinnevely	13,909	12,747	13,700	1,500	90	91	8,400	7,800	9,200
Malabar	6,630	6,474	6,000	1,000	104	101	3,100	2,900	2,700
South Kanara	2,459	2,188	2,400	1,000	100	99	1,100	970	1,070
The Nilgiris									
Total	1,397,581	1,455,842	1,472,950	713	97	98	431,490	454,570	468,530

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Rhodo millet (varagu or arika)—Paspalum scrobiculatum.</i>									
Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	1,142	931	1,000	700	81	97	290	240	310
Vizagapatam	11,210	10,312	10,761	700	110	113	2,900	3,600	4,300
Godavari	4,035	1,968	3,400	800	84	108	1,210	750	1,210
Kistna	9,909	11,385	8,100	900	90	98	3,200	4,000	2,900
Guntur	5,812	9,900	4,000	700	87	75	1,800	2,300	1,800
Kurnool	126,802	116,132	104,950	500	120	65	32,700	16,800	23,400
Bellary	87	383	1,500	500	96	112	20	100	240
Anantapur	30,645	24,225	32,050	500	76	74	5,200	4,000	7,200
Cuddapah	27,710	28,124	33,950	600	108	85	8,000	6,400	9,100
Nellore	84,380	42,450	109,200	600	112	115	25,300	15,200	29,300
Chingleput	37,517	23,097	43,850	800	114	109	16,300	10,900	15,700
South Arcot	174,310	155,065	180,050	1,300	95	96	96,100	86,400	92,900
Chittoor	28,927	14,876	23,350	700	112	110	10,100	5,100	7,300
North Arcot	101,928	98,354	105,650	1,000	92	94	41,900	41,500	47,200
Salem	81,841	75,135	97,600	600	90	101	19,700	20,300	26,100
Coimbatore	8,188	8,878	7,850	600	96	69	2,100	2,400	2,100
Trichinopoly	172,552	204,440	185,050	1,000	89	95	68,600	86,700	82,400
Tanjore	69,429	66,937	72,000	1,000	88	89	27,300	26,600	32,100
Madura	91,935	98,164	115,450	900	108	108	39,900	42,600	46,400
Ramnad	94,507	120,503	123,050	900	98	94	35,300	45,500	43,400
Tinnevely	17,471	16,046	19,800	900	94	84	5,900	5,400	8,000
Malabar									
South Kanara									
The Nilgiris	16	11	20	700	91	133	10		10
Total	1,179,421	1,140,584	1,265,670	888	97	97	444,630	426,970	489,170

Sama—Panicum miliare.

Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	31,180	114,825	32,400	500	81	117	5,600	4,200	7,200
Vizagapatam	82,023	18,240	95,250	500	103	104	18,900	3,100	21,300
Godavari	3,120	6,885	9,500	600	89	95	2,300	1,500	2,600
Kistna	1,277	1,469	2,350	600	89	52	300	200	620
Guntur	2	1	500	500	61	43			
Kurnool	598	519	1,200	400	107	65	110	60	210
Bellary	7,463	12,418	31,000	400	77	75	1,000	1,700	5,600
Anantapur	32,388	54,522	82,250	400	71	91	4,100	9,900	14,700
Cuddapah	1,550	2,518	2,700	400	95	82	250	370	450
Nellore	2,262	1	1,950	400	107	99	430		
Chingleput	48	37	200	500	79	117	10	10	50
South Arcot	3,963	2,394	1,650	500	103	103	910	550	370
Chittoor	8,970	12,676	9,950	600	75	132	1,500	3,700	2,200
North Arcot	25,804	32,117	35,950	500	71	98	4,100	5,300	3,000
Salem	118,671	138,115	129,100	400	95	108	20,100	26,000	22,100
Coimbatore	108,549	107,681	121,250	400	101	103	19,300	19,300	21,700
Trichinopoly	18,607	25,611	31,050	500	96	113	4,000	6,500	4,700
Tanjore	348	382	500	500	89	77	70	70	110
Madura	120,994	121,580	142,950	500	84	108	22,700	29,300	31,900
Ramnad	22,570	18,389	27,750	500	72	95	3,700	3,900	5,200
Tinnevely	91,031	78,980	89,050	400	80	84	9,800	13,300	15,900
Malabar	16,091	15,429	400	400	100	110	2,900	3,000	3,500
South Kanara	179	110	100	500	87	106	40	30	20
The Nilgiris	4,051	4,167	5,100	600	100	188	1,100	1,200	1,400
Total	707,959	779,171	862,950	447	87	106	128,450	164,890	172,120

Maise—Zea Mays.

Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	18,550	43,003	19,000	1,000	73	119	8,000	22,800	8,400
Vizagapatam	15,488	1,069	18,400	1,000	104	103	7,200	490	8,200
Godavari	5,080	382	2,700	1,100	85	135	1,160	230	1,200
Kistna	19,603	21,718	24,400	1,100	66	126	6,300	13,400	12,000
Guntur	48,167	50,234	47,750	1,100	75	85	17,000	21,000	23,400
Kurnool	51	307	80		105	95	20	130	40
Bellary	58	389	60		84	94	20	160	30
Anantapur	40	129	150		133	49	20	80	70
Cuddapah		2	40			100			90
Nellore		20				100		10	
Chingleput									
South Arcot									
Chittoor	117	53	10		105	100	60	20	
North Arcot	1,822	1,803	400		93	112	760	900	180
Salem	868	889	750		73	147	280	580	340
Coimbatore		2	30			107			10
Trichinopoly	26	12	20		108	99	10	10	10
Tanjore	235	310	250		97	122	100	170	110
Madura	8	293	350		105	127		170	160
Ramnad	510		400		105		240		180
Tinnevely		4	60			81			30
Malabar	90				53		20		
South Kanara									
The Nilgiris	24	10	20		105	96	10		10
Total	106,722	122,409	114,870	1,060	78	105	38,200	60,630	54,490

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Bengalgram—Cicer Arietinum.</i>									
Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	451	1,696	1,000		65	110	70	420	220
Vizagapatam	2,148	308	2,500		95	125	460	90	560
Godavari	5,423	2,395	10,000		83	118	1,000	900	2,200
Kistna	11,200	4,589	16,250		92	127	2,800	1,300	3,600
Guntur	22,220	11,766	29,300		63	92	3,100	2,400	6,500
Kurnool	19,946	19,802	26,000		95	83	4,200	3,700	5,800
Bellary	17,747	14,782	13,950		74	54	2,900	1,800	3,100
Anantapur	9,172	15,109	10,400		71	89	1,500	3,000	2,300
Cuddapah	2,222	1,200	5,900		94	90	470	240	1,320
Nellore	845	1,419	1,000		130	131	250	420	220
Chingleput	25	118	350		100	79	10	20	80
South Arcot	603	21	900		99	104	150		200
Chittoor	116	210	1,550	500	110	108	30	50	370
North Arcot	1,721	928	650		82	106	320	830	790
Salem	5,055	3,600	3,550		87	109	980	860	1,350
Coimbatore	8,099	3,999	6,050		85	98	1,540	70	100
Trichinopoly	423	286	450		103	101	100		
Tanjore	1				100	97	290	150	690
Madura	1,141	715	3,100		114	108	920	1,400	1,550
Ramnad	4,861	5,604	6,950		85	108	870	630	840
Tinnevely	3,400	3,300	3,750		114	88	20	80	
Malabar	153	876			58	100			
South Kanara			10			125		10	
The Nilgiris	2	37			100				
Total	117,033	93,789	143,710	500	82	89	21,480	18,730	31,940

Groundnut—Arachis hypogaea.

Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	22,158	22,216	17,200		101	120	11,200	13,400	8,800
Vizagapatam	35,387	38,155	27,300		107	116	18,900	22,100	13,700
Godavari	24	18	100		98	62	10	10	50
Kistna	1,021	2,091	1,700		121	92	620	960	850
Guntur	3,729	6,464	4,850		100	102	1,900	3,300	2,400
Kurnool	29,019	66,796	89,000		106	75	15,400	25,000	44,500
Bellary	5,381	19,678	55,000		82	76	2,200	7,500	27,500
Anantapur	68,677	118,376	175,000		103	62	35,300	36,700	87,500
Cuddapah	103,407	144,298	121,800		110	92	58,900	66,400	60,900
Nellore	781	1,354	2,100		100	118	390	740	1,050
Chingleput	23,890	32,590	24,900		103	103	11,700	16,800	12,500
South Arcot	335,350	438,792	387,850	1,120	95	91	159,300	199,700	193,900
Chittoor	28,266	38,068	20,800		96	99	13,600	18,800	10,400
North Arcot	146,889	221,705	162,900		99	96	73,300	106,400	81,500
Salem	51,995	88,945	60,850		100	103	26,000	46,800	30,400
Coimbatore	46,341	78,828	77,400		107	101	25,100	39,800	38,700
Trichinopoly	93,190	88,176	85,750		85	95	39,600	41,900	42,900
Tanjore	71,036	87,092	73,400		99	99	36,600	43,100	36,700
Madura	43,287	68,643	50,700		103	99	22,300	34,000	25,400
Ramnad	30,346	33,563	25,200		117	98	17,800	16,500	12,600
Tinnevely	1,179	3,003	300		66	68	390	1,020	150

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Cotton (Gossypium) unirrigated.</i>									
Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	2,463	2,040	1,750	50	96	88	60	40	40
Vizagapatam	23,277	19,000	17,550	50	82	76	430	320	400
Godavari	7,873	4,950	6,800	75	94	100	250	170	250
Kistna	50,165	43,636	58,550	75	80	99	1,300	1,400	2,000
Guntur	128,062	133,208	153,250	75	79	89	4,000	4,000	5,100
Kurnool	327,129	306,645	297,550	50	92	75	6,700	5,100	6,500
Bellary	548,197	446,387	449,450	70	100	53	12,200	6,300	10,000
Anantapur	162,194	111,097	141,400	50	84	46	3,000	1,100	3,200
Cuddapah	115,086	73,979	91,300	50	114	99	3,000	1,600	2,000
Nellore	8,166	31,310	48,850	75	111	116	1,000	1,200	1,600
Chingleput	9	1	16	50	70	130			
South Arcot	4,541	1,413	2,700	85	98	83	110	30	60
Chittoor	602	740	750	65	97	100	20	20	10
North Arcot	1,568	780	200	50	80	119	30	30	
Salem	32,727	20,390	18,400	31	97	118	550	320	310
Coimbatore	147,298	168,132	211,000	46	90	99	2,700	3,400	4,100
Trichinopoly	48,534	41,558	32,950	45	83	83	800	580	1,100
Tanjore	2,091	884	2,100	65	80	59	50	20	20
Madura	127,058	115,806	107,100	92	99	92	5,400	4,400	5,800
Ramnad	218,779	238,051	228,200	102	100	100	9,300	10,800	9,900
Tinnevely	210,802	240,083	255,900	97	88	88	9,000	9,100	11,500
Malabar	1,139	822	50	60	103	99	30	10	
South Kanara	147	164	150	50	97	118			
The Nilgiris	10			50	125				
Total	2,214,506	1,996,226	2,121,680	65	92	85	59,320	48,990	61,290

Indigo—Indigofera tinctoria.

Agency division									
Ganjam	1,362	421	1,300	74	197	10	10	20	
Vizagapatam	984	665	2,500	94	108	10	10	20	
Godavari	9,483	10,835	19,000	87	96	100	130	250	
Kistna	20,028	28,416	58,600	93	109	230	390	730	
Guntur	2,797	1,936	7,000	100	62	40	20	90	
Kurnool	74	185	2,450	86	103			30	
Bellary	1,080	261	3,100	104	71	10		40	
Anantapur	11,113	13,833	65,050	93	95	130	160	810	
Cuddapah	12,801	17,352	50,000	99	97	230	210	630	
Nellore	6,727	6,129	13,300	90	96	80	70	170	
Chingleput	11,220	13,116	18,750	96	96	140	160	300	
South Arcot	10,917	13,674	3,950	91	96	120	140	50	
Chittoor	2,563	4,219	12,000	109	99	40	50	150	
North Arcot	2,067	1,436	2,600	100	105	30	20	60	
Salem									
Coimbatore									
Trichinopoly	422	1,351	3,050	100	105	10	20	40	
Tanjore	76	147	250	99	110				
Madura	44	54	350	90	93				
Ramnad			70						
Tinnevely	171	107	350	96	82				
Malabar									
South Kanara									
The Nilgiris									
Total	101,300	112,138	265,070	78	98	100	1,180	1,390	3,300

Sugarcane—Saccharum officinarum.

Agency division									
Ganjam	5,795	5,139	4,950	104	89	12,500	20,200	11,000	
Vizagapatam	31,429	23,531	28,500	93	77	84,500	52,800	77,200	
Godavari	9,393	11,516	16,800	107	99	33,500	38,200	36,500	
Kistna	607	954	800	104	92	2,100	2,900	1,700	
Guntur	36	60	10	90	80	90	180	30	
Kurnool	207	1,000	4,500	101	106	630	440	2,000	
Bellary	5,278	7,430	9,250	98	99	16,500	19,700	24,800	
Anantapur	2,525	2,700	4,300	98	80	4,800	4,100	4,300	
Cuddapah	133	217	200	105	99	370	530	540	
Nellore	9	7	10	100	110	20	20	30	
Chingleput	37	59	6,000	110	98	280	100	130	
South Arcot	5,175	5,175	7,450	96	96	14,300	15,300	21,600	
Chittoor	10,647	12,226	10,700	114	101	39,600	40,200	34,900	
North Arcot	2,396	2,261	2,900	98	89	6,300	6,400	7,800	
Salem	2,413	4,717	5,850	93	103	9,800	13,000	15,700	
Coimbatore	6,740	7,764	9,700	95	88	16,600	22,800	32,600	
Trichinopoly	5,616	5,623	7,500	92	97	5,500	12,200	16,700	
Tanjore	478	655	6,000	95	99	1,200	1,600	1,600	
Madura	1,877	2,100	6,000	105	108	8,900	6,500	5,600	
Ramnad	223	303	300	109	101	490	610	600	
Tinnevely	108	134	200	90	94	200	250	400	
Malabar	146	70	90	60	87	240	170	240	
South Kanara	2,755	2,887	2,750	107	103	7,100	7,200	8,600	
The Nilgiris	2	2	6,000	114	110	10	10		
Total	22,722	108,808	105,780	100	98	264,330	273,440	302,170	

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Gingelly—Sesamum indicum.</i>									
Agency division	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Ganjam	56,163	34,886	56,500	336	97	100	6,800	6,800	7,100
Vizagapatam	184,898	136,917	162,150	358	108	84	26,700	17,300	24,400
Godavari	91,811	71,954	82,800	338	101	74	13,900	8,000	12,400
Kistna	110,932	98,315	82,200	336	81	79	13,500	11,700	12,300
Guntur	1,433	848	950	280	100	91	180	100	120
Kurnool	2,215	2,614	4,200	224	96	61	210	150	420
Bellary	13,465	12,860	16,450	224	91	92	1,230	1,200	1,650
Anantapur	20,793	20,451	36,400	224	98	97	2,040	2,000	3,540
Cuddapah	5,974	7,072	3,300	224	99	100	590	710	370
Nellore	3,515	3,137	4,250	280	100	106	440	420	530
Chingleput	35,946	23,347	26,450	280	100	101	4,500	2,900	2,600
South Arcot	39,179	40,898	29,250	280	99	89	4,800	4,600	2,700
Chittoor	5,779	5,551	4,200	280	89	93	640	650	530
North Arcot	66,349	22,057	26,200	280	101	94	8,400	2,600	2,800
Salem	62,224	25,629	58,950	280	95	88	7,400	2,800	6,700
Coimbatore	21,136	22,186	22,450	280	97	101	2,600	2,600	2,800
Trichinopoly	38,210	43,939	41,150	336	90	98	5,200	6,800	6,300
Tanjore	14,954	16,720	16,250	336	94	99	2,100	2,500	2,400
Madura	23,604	26,582	30,000	260	98	109	2,900	3,800	3,400
Ramnad	29,711	22,389	27,500	280	125	104	4,600	2,900	3,400
Tinnevely	56,553	39,529	54,100	280	88	83	6,200	4,100	6,900
Malabar	12,709	14,454	16,450	224	108	106	1,370	1,500	1,550
South Kanara	3,147	2,998	2,550	280	92	101	250	370	320
The Nilgiris	40	30	20	280	120	118	10		
Total	880,850	752,622	792,720	300	99	91	116,670	91,400	106,890

Castors—Ricinus communis.

Agency division									
Ganjam	5,290	3,254	5,000	250	100	83	590	300	550
Vizagapatam	13,313	3,558	8,800	250	124	102	1,840	410	980
Godavari	8,444	1,790	7,000	250	81	75	750	150	780
Kistna	28,877	15,019	27,150	250	73	85	2,400	1,430	3,000
Guntur	51,887	43,961	63,000	250	90	94	5,200	4,600	7,000
Kurnool	48,492	37,849	49,050	150	98	89	3,200	1,700	3,300
Bellary	54,226	36,098	47,600	150	90	84	3,300	2,100	3,200
Anantapur	90,633	67,850	93,500	150	97	67	5,900	3,600	6,300
Cuddapah	29,686	19,843	19,900	150	103	96	2,000	1,200	1,300
Nellore	88,587	37,138	64,350	250	92	121	4,000	5,000	7,200
Chingleput	161	68	90	250	94	110	20	10	10
South Arcot	937	869	1,800	250	98	95	100	90	150
Chittoor	20,867	15,995	17,500	250	99	107	2,300	1,900	2,000
North Arcot	9,922	6,914	9,250	250	94	98	1,040	740	1,030
Salem	21,778	21,489	27,450	400	90	103	3,200	4,000	4,900
Coimbatore	19,447	17,996	22,200	400	96	99	3,300	3,200	4,100
Trichinopoly	13,264	13,596	15,500	400	95	95	2,300	2,300	2,800
Tanjore	504	589	800	400	95	90	96	90	140
Madura	11,446	11,983	15,100	400	100	102	1,200	2,200	2,700
Ramanad	8,139	2,940	3,800	400	98	93	650	490	680
Tinnevely	2,087	2,537	2,100	400	85	95	320	400	380
Malabar	665	403	700	400	100	109	120	80	180
South Kanara	212	212	150	400	91	106	30	40	30
The Nilgiris	..	..	..	..	..	..	..	..	..
Total	471,644	390,662	501,340	235	59	94	44,460	38,680	52,570

Statement showing the total produce of the principal crops during the agricultural year 1920-21—cont.

Districts.	Area under the crop.			Estimated average yield of the crop per acre.	Seasonal factor or percentage of yield per acre as compared with the previous column attained in		Total estimated yield.		Average.
	Previous year.	Current year.	Average.		Previous year.	Current year.	Previous year.	Current year.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Tobacco yield in dry leaf—Nicotiana tabacum.</i>									
	ACS.	ACS.	ACS.	LB.			TONS.	TONS.	TONS.
Agency division	4,368	21,773	4,050	1,000	81	104	1,600	8,400	1,800
Ganjam	60,352	21,822	35,800	1,000	86	99	23,200	9,600	16,000
Vizagapatam	9,734	7,347	12,000	1,800	93	99	4,200	4,200	7,000
Godavari	11,362	10,288	10,850	1,300	91	93	8,000	5,600	8,300
Kistna	34,905	55,043	55,150	1,300	95	107	19,200	34,200	32,000
Guntur	13,837	7,026	15,450	1,000	98	76	3,100	2,400	6,900
Kurnool	2,728	2,598	3,650	1,000	94	81	1,100	1,800	1,600
Bellary	3,942	3,360	2,950	1,000	97	63	1,700	950	1,300
Anantapur	1,710	2,190	1,700	1,000	92	95	700	930	780
Cuddapah	2,238	2,615	2,800	1,300	95	99	1,200	1,500	1,500
Nellore	64	151	80	1,000	83	84	20	60	40
Chingleput	2,186	2,647	2,250	1,000	94	99	900	1,100	1,000
South Arcot	741	869	650	1,000	90	91	300	270	250
Chittoor	3,950	2,452	3,200	1,000	89	97	1,600	1,100	1,400
North Arcot	5,767	5,499	6,250	1,200	97	104	3,000	3,100	3,400
Salem	38,781	28,354	31,800	1,200	92	98	19,100	14,100	17,000
Coimbatore	6,507	4,849	4,850	1,200	90	94	3,100	2,400	2,800
Trichinopoly	2,175	2,026	2,150	1,200	95	98	1,100	1,000	1,200
Tanjore	16,987	10,276	12,700	1,200	100	103	8,600	6,700	8,800
Madura	3,954	2,949	3,850	1,200	101	106	2,100	1,700	2,100
Ramanad	1,139	720	950	1,200	87	83	530	320	510
Tinnevely	25	22	20	1,200	90	90	10	10	10
Malabar	1,801	1,891	1,350	1,200	95	104	920	1,100	720
South Kanara	34	36	50	1,200	119	108	20	20	30
The Nilgiris									
Total	228,222	201,062	214,400	1,200	88	95	107,450	102,660	112,810

Summary—Presidency figures.

Crop.	Area in acres in			Average yield per acre in lb.	Seasonal factor or percentage as compared with the previous column of the yield per acre attained in		Total estimated yield in tons.		
	Previous year (1919-20).	Current year (1920-21).	Average year.		Previous year (1919-20).	Current year (1920-21).	Previous year (1919-20), i.e., of the area in column (2).	Current year (1920-21), i.e., of the area in column (3).	Average year, i.e., of the area in column (4).
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Paddy, irrigated	8,571,144	7,819,537	8,252,250	1,730	98	96	6,438,700	5,800,100	6,383,600
Do. unirrigated	3,077,142	3,276,828	3,109,250	1,170	97	96	1,557,240	1,644,280	1,623,100
Paddy	11,648,286	11,096,365	11,361,500	1,579	98	95	8,055,920	7,444,380	8,006,700
Cholam, irrigated	568,469	543,289	513,500	1,480	93	94	354,780	332,410	338,290
Do. unirrigated	4,916,108	4,679,142	4,652,450	576	91	90	1,154,410	1,087,430	1,195,690
Cholam	5,484,577	5,222,431	5,170,950	665	92	92	1,509,200	1,419,840	1,534,980
Gumma, irrigated	348,708	393,777	309,650	1,200	97	98	182,540	206,470	186,460
Do. unirrigated	2,916,247	2,617,802	3,196,270	550	94	95	667,900	607,300	779,710
Gumma	3,264,955	3,011,579	3,504,920	655	96	100	850,240	813,670	966,170
Ragi, irrigated	1,041,878	1,085,499	1,016,100	1,489	98	98	702,500	705,100	675,300
Do. unirrigated	1,397,531	1,455,842	1,472,950	713	97	98	431,420	454,570	468,830
Ragi	2,439,409	2,541,341	2,489,050	1,080	99	99	1,133,920	1,159,670	1,144,130
Korra	1,081,457	1,412,073	1,672,890	1,899	92	97	178,830	219,570	298,010
Varagu	1,172,421	1,140,584	1,265,870	866	97	97	444,630	426,970	489,170
Samai	707,959	779,171	862,960	447	87	106	123,430	164,890	172,130
Maize	106,742	122,409	114,870	1,060	78	105	39,200	60,930	54,490
Total cereals	25,965,779	25,325,953	26,442,790	1,071	99	97	12,334,910	11,709,920	12,645,770
Cotton, irrigated	124,490	125,402	150,350	259	96	103	13,460	14,400	16,310
Do. unirrigated	2,214,806	1,996,226	2,121,560	65	92	85	59,820	45,990	61,290
Cotton	2,339,296	2,121,628	2,271,910	77	91	87	73,780	63,390	78,100
Groundnut	1,144,071	1,599,738	1,464,570	1,120	99	93	568,710	740,440	732,150
Indigo	101,300	112,138	265,070	25	98	100	1,180	1,390	2,300
Sugarcane	92,722	103,308	105,760	6,400	98	98	264,330	273,140	302,170
Gingelly	880,850	752,622	792,720	390	99	91	116,670	91,400	108,890
Castors	474,644	399,888	501,340	235	89	94	44,460	38,630	52,570
Tobacco	228,222	201,062	214,400	1,200	88	95	107,450	102,660	112,810
Bengalgram	117,033	98,789	143,710	500	82	89	21,480	18,730	31,940
Horsegram	1,992,179	1,962,010		200	96	96	170,250	155,190	

Note.—(1) The yields in the statement are for unhusked grain. The several grains may be estimated to lose weight in husking as follows:—

Crop.	Percentage of loss of weight in husking.	Crop.	Percentage of loss of weight in husking.
Paddy	25	Varagu	40
Cholam	15	Samai	45
Gumma	20	Other minor grains	40
Ragi	10	Pulses—average	20
Korra	20		

(2) Groundnut.—The yield is of unshelled nuts. Loss of weight on shelling is 25 per cent.
 (3) Sugarcane.—The yield is of jaggery (gur).
 (4) Indigo.—The yield is largely theoretical. There is no information as to percentage of total actually manufactured into dye in any year.
 (5) Tobacco.—The yield is of dry leaf.

APPENDIX F (paragraph 8 of the report).

Statement showing the harvest prices per Imperial maund of the principal food-grains during the agricultural year 1920-21 on the average of the prices prevailing in two or three of the principal markets in each district as compared with the corresponding prices of the previous year and the 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	Agency division	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	Ganjam	10 4 0	4 12 0	5 0 0	4 11 0	5 3 0	2 11 0
	Vizagapatam	8 14 0	8 11 0	5 0 0	5 4 0	5 7 0	2 11 0
	Godavari	7 11 0	7 7 0	4 7 0	6 6 0	4 11 0	2 11 0
	Kistna	6 2 0	6 18 0	5 0 0	5 1 0	6 10 0	2 14 0
Deccan	Guntur	7 18 0	7 14 0	4 7 0			
	Kurnool	8 11 0	8 1 0	5 0 0			
	Bellary	11 7 0	8 9 0	5 11 0			
	Anantapur	9 12 0	8 9 0	5 0 0	5 14 0	4 12 0	2 8 0
Carnatic	Cuddapah	8 14 0	8 11 0	5 0 0	6 8 0	5 14 0	3 11 0
	Nellore	7 13 0	6 5 0	4 7 0	6 13 0	4 4 0	3 11 0
	Chingleput	7 11 0	7 4 0	5 0 0	5 3 0	6 4 0	3 5 0
Central	South Arcot	8 11 0	6 5 0	5 0 0	6 8 0	5 12 0	3 1 0
	Chittoor	8 5 0	7 8 0	4 7 0	5 2 0	4 14 0	2 14 0
	North Arcot	9 8 0	6 5 0	5 0 0	6 11 0	5 7 0	2 14 0
	Salem	12 8 0	7 14 0	5 11 0	6 1 0	5 2 0	2 14 0
South	Coimbatore	11 12 0	7 7 0	5 11 0	4 13 0	5 1 0	3 1 0
	Trichinopoly	10 8 0	8 0 0	5 0 0	5 8 0	4 14 0	2 14 0
	Tanjore	9 1 0	8 8 0	5 0 0	6 1 0	5 7 0	3 1 0
	Madura	9 12 0	7 13 0	5 0 0	6 6 0	5 9 0	2 14 0
West Coast	Rannad	8 5 0	6 11 0	5 0 0	6 12 0	5 1 0	2 14 0
	Tinnevely	9 1 0	6 11 0	5 0 0	6 12 0	4 10 0	2 14 0
Hills	Malabar	8 14 0	7 4 0	5 0 0			
	South Kanara	8 8 0	6 4 0	4 7 0			
Hills	The Nilgiris	7 9 0	7 11 0	5 11 0	5 5 0	4 5 0	3 5 0

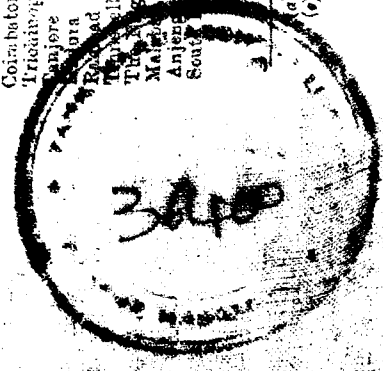
Group.	Districts.	Cholam.			Camu.		
		Previous year.	Current year.	Normal.	Previous year.	Current year.	Normal.
		9	10	11	12	13	14
Circars	Agency division	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	Ganjam		4 8 0				
	Vizagapatam	6 11 0	4 1 0	3 11 0	5 10 0	6 5 0	2 11 0
	Godavari	7 4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

Table V (Quinquennial)—Statement showing the number of live-stock, ploughs and carts in each district in the Madras Presidency during the agricultural year 1919-20.

District.	Oxen.			Buffaloes.			Horses and ponies.			Camels.			Ploughs.			Carts.		
	Bulls.	Bullocks.	Cows.	Young stock (calves).	Male buffaloes.	Cow buffaloes.	Young stock (colts and fillies).	Mares.	Horses.	Young stock (colts and fillies).	Mares.	Horses.	Young stock (colts and fillies).	Mares.	Horses.	Young stock (colts and fillies).	Mares.	Horses.
Ganjam	49,784	247,814	281,420	112,124	105,564	79,048	45,583	132,785	240,561	260,561	240,561	240,561	240,561	240,561	240,561	240,561	240,561	240,561
Vizagapatam	368,248	343,063	313,538	273,837	224,195	201,705	132,785	64,824	260,561	260,561	260,561	260,561	260,561	260,561	260,561	260,561	260,561	260,561
Godavari	97,406	164,727	219,170	193,083	48,766	122,315	86,837	36,926	66,584	66,584	66,584	66,584	66,584	66,584	66,584	66,584	66,584	66,584
Kistna	138,123	189,115	276,172	126,779	113,937	277,987	213,365	37,936	120,599	120,599	120,599	120,599	120,599	120,599	120,599	120,599	120,599	120,599
Guntur	105,280	124,441	147,584	112,781	103,467	289,375	238,362	84,116	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Kurnool	124,626	156,383	238,615	126,601	103,467	289,375	238,362	84,116	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Bellary	108,122	79,673	109,521	76,638	27,115	114,876	110,400	64,234	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Anantapur	166,833	15,197	97,535	75,473	13,721	80,875	132,349	266,753	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Cuddapah	136,123	92,912	183,098	132,772	34,111	84,116	211,890	1,332	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Chittoor	72,414	88,495	96,140	60,105	28,777	42,832	92,983	30,306	158,944	158,944	158,944	158,944	158,944	158,944	158,944	158,944	158,944	158,944
North Arcot	132,065	192,831	269,139	134,438	128,705	42,832	222,833	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2
Chingleput	149,714	292,281	711,841	193,583	13,316	71,805	191,498	1,302	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2	130,2
Madras	115,631	148,976	176,112	121,771	61,231	63,581	46,168	238,627	118,489	118,489	118,489	118,489	118,489	118,489	118,489	118,489	118,489	118,489
South Arcot	89,226	286,910	322,835	183,831	47,108	70,174	33,580	1,080	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Salem	171,170	182,330	313,350	318,133	11,934	21,931	54,931	1,080	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Coimbatore	205,264	226,603	409,311	359,901	9,927	86,632	54,931	1,080	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667	102,667
Tanjore	87,274	252,895	266,978	116,840	22,131	109,632	63,002	86,751	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282
Trichinopoly	18,433	364,165	361,354	174,182	44,751	56,580	56,580	36,426	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282
Madura	137,436	268,078	277,326	163,637	20,136	46,682	39,819	56,428	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282
Tanjore	51,396	192,692	139,621	77,028	15,933	47,943	21,404	401	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282
Trichinopoly	26,836	232,300	110,894	69,453	29,551	61,576	189,648	638	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282
Madura	4,025	5,385	20,474	8,216	2,635	16,378	5,622	8,492	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282	342,282
The Nilgiris	27,343	34,360	304,812	246,603	127,929	33,902	21,176	395	188,919	188,919	188,919	188,919	188,919	188,919	188,919	188,919	188,919	188,919
Malabar	109,135	87,519	146,530	129,747	151,380	29,741	43,933	238	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500
South Kanara																		
Total	5,714,568	4,420,821	6,700,110	3,561,607	1,414,518	2,561,123	1,775,021	11,118,600	5,326,574	5,326,574	5,326,574	5,326,574	5,326,574	5,326,574	5,326,574	5,326,574	5,326,574	5,326,574

(a) The four camels in Vizagapatam are used for the purpose of carrying loads. (b) The three camels in Chingleput are kept by the Vasthava Guru for stately dignity. (c) The one camel in Chittoor is used in procession of the Pongalur Zamindar during Dasara festival. (d) Of the three camels in Tinnevely one is used for temple purpose and the other two as equips by a Vasthava Guru.

4:55 PM 20/11/2000



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