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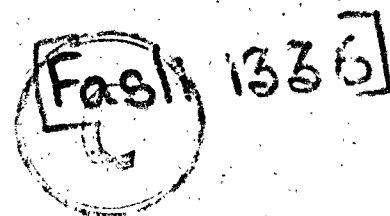
Season And Crop Report

of The

Madras Presidency

For The

Agricultural year 1926-27



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DEPARTMENT OF AGRICULTURE
MADRAS

1927

SEASON AND CROP REPORT

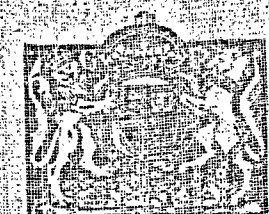
OF THE

MADRAS PRESIDENCY

FOR THE

AGRICULTURAL YEAR 1926-27

(FASLI 1336)



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FOR

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B-A FRIEND DIES.

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4. On the whole, the year was not generally favourable for agriculture ; it was, however, better than 1918-19 and 1923-24. The season was fairly favourable in the Circars (especially in the delta tracts) and Chittoor though it was not so good as in the previous two years. The season was better than in the previous three years on the West Coast. The other districts, however, were adversely affected to a more or less extent, Ramnad, Bellary, and North Arcot suffering most and Trichinopoly, Salem, Coimbatore, South Arcot, and Chingleput coming next.

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செப்பனிடிலு முடித்த நாள்
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சுரப்பார்க்கும் ஆராய்ச்சி
மு.பா.ஏ. உதவியாளர்
கையொப்பம். கையொப்பம்

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5. Relief operations under the Famine Code were not found necessary in any district. Employment was generally available. In West Godavari, Guntur, Kurnool, Bellary, Anantapur, and Coimbatore, fairly large amounts were spent on the construction of roads, repairs to the minor irrigation tanks, sinking of wells, etc., in order to give employment to the poor.

6. Seasonal remissions on a somewhat large scale were granted on account of inadequate rainfall and scanty supplies in irrigation sources in most districts outside the West Coast, especially in North Arcot, Nellore, Anantapur, Chingleput, and South Arcot. The postponement of the collection of kists to the next fasli was, however, not found necessary anywhere except in parts of the districts of Bellary (Rs. 7,75,065), Anantapur, and Guntur and in a few villages of Godavari (East and West).

7. *Classification of area.*—Forests constituted 14.4 per cent of the total area and barren and uncultivable lands 22.2 per cent. Of the area available for cultivation, 23 per cent was waste and 19 per cent was fallow. The unfavourable season was responsible for an increase of 729,906 acres in the area under current fallows. The net area under cultivation represented 36.7 per cent of the total area. The proportion exceeded 50 per cent in Kistna, Guntur, Bellary (66 per cent), and Tanjore.

8. *Area irrigated.*—The area irrigated was 27 per cent of the net area sown. It exceeded one-half of the net area in the deltaic districts of East Godavari, West Godavari (81 per cent), Kistna, and Tanjore (74 per cent) and in Chingleput (62 per cent).

Government canals irrigated 40.6 per cent of the total area irrigated, private canals 3 per cent, tanks 34.1 per cent, wells 17.4 per cent, and other sources 4.9 per cent. The area irrigated by canals was one of the highest reported while the area irrigated by tanks, wells, and other sources was either the lowest or one of the lowest reported. Government canals are important in all the deltaic districts, private canals in Ganjam, Vizagapatam, and East Godavari, tanks in Chingleput (37 per cent), North Arcot and Ramnad (65 per cent), Chittoor, Tinnevely, South Arcot, and Vizagapatam, wells in Coimbatore (78 per cent), Salem (58 per cent), and Cuddapah, and other sources in Ganjam, Vizagapatam, and Ramnad. Canals, tanks, and wells are almost equally important in Madura.

9. *Crops irrigated.*—There was a reduction in the area of most of the important irrigated crops especially during the second crop season (cumbu, sugarcane, and groundnut excepted).

The area of crops irrigated was 28 per cent of the area sown. It exceeded 70 per cent in Tanjore and West Godavari, 65 per cent in Chingleput, and 40 per cent in East Godavari, Kistna, Ganjam, Nellore, and South Arcot. It was only 10 per cent in Anantapur, 5 per cent in Kurnool, and 3 per cent in Bellary.

Ninety per cent of the area of crops irrigated was under cereals and pulses.

Sugarcane is irrigated except on the West Coast. Sixty nine per cent of the area under paddy was irrigated in 1926-27. The corresponding percentages for other crops were—43 (ragi), 39 (indigo), 22 (gingelly), 11 (cholam), 10 (cumbu), 8 (cambodia cotton), and 5 (summer crop of groundnut). Indigo and gingelly are grown on wet lands as second crop after paddy.

10. *Area sown with crops.*—The area under food crops (mainly paddy and other cereals) was the lowest reported (1918-19 and 1923-24 excepted). The area under non-food crops was the highest reported (1925-26 excepted).

The area under samai, mango, fruits and vegetables, groundnut, pepper, tea, and fodder crops was the highest reported. The area under chilly, betel-vine, and drugs and narcotics was one of the highest reported. The area under castor and plantain was greater than in the previous five and three years respectively. The area under cumbu, varagu, and arcanut was greater than in the previous four years.

The area under ragi, gingelly, indigo, coffee, bengalgram, coriander, garlic, and rape and mustard was the lowest reported. The area under cholam, pulses, and wheat, was one of the lowest reported. The area under korra and turmeric was less than in the previous three years.

The area of most crops was restricted in Ramnad and Ganjam. The increase in the total cropped area in Bellary was due to the cultivation by the depressed classes and ex-army men of the lands assigned to them.

Important variations for the main crops are explained in the next paragraph. Variations not specially referred to below were chiefly due to seasonal fluctuations.

11. *Paddy.*—The area was satisfactory only in the Circars and Malabar. It was restricted in the other districts, especially in Salem, Ramnad, North Arcot, and Trichinopoly; the reduction in area under the second crop more than set off the increase in area under the first crop and main crop for which there were sufficient supplies in the irrigation sources. Paddy was partly replaced by cumbu in Nellore and varagu in South Arcot.

Other cereals.—The area under cholam and ragi was restricted in most districts, especially in Coimbatore and Madura under cholam, and Ganjam and Ramnad under ragi. In Salem, ragi was partly replaced by cholam owing to the scarcity of fodder for cattle. In the Deccan, cholam and korra were partly replaced by groundnut. In Bellary and Anantapur, there was an increase in the area under cumbu, owing to good early rains in May. In Tinnevely, cumbu was partly replaced

by cotton. The increase under samai occurred mainly in Vizagapatam, Kurnool, Anantapur, Salem, and Madura and was due to the fact that it can withstand drought better than the other dry crops. The area under variga was restricted in Guntur.

Pulses.—The area under redgram was restricted in most districts. Bengalgram which is sown in October-November was raised only in limited areas owing to the insufficient moisture in the soil. The area under horsegram was much restricted in Guntur and Tinnevely.

Chilly.—Guntur is responsible for the increase in area.

Sugarcane.—There was an appreciable increase in area in Vizagapatam, owing to the popularity of the improved varieties introduced by the Agricultural Department.

Fruits and vegetables.—The main increases were in Vizagapatam and Malabar.

Groundnut.—The area was below the normal only in Madura where the sowing rains were late. The large increase in area in all the other districts was due to timely sowing rains and good foreign demand. The area more than doubled in the Deccan. In West Godavari, Kistna, Guntur, Bellary, Nellore, Chingleput, Chittoor, and Malabar, the area was nearly four times the normal. The cultivation of this crop at the expense of food crops, regardless of rotations, is increasing rapidly. It is even replacing cotton in parts of Kurnool and Cuddapah. Extension of cultivation on new dry lands begins in many places with groundnut. It is now grown on all kinds of soil, from the poorest to the best black cotton soil. The area under the crop which was about 74,000 acres in 1882-83 reached the figure of 2.7 million acres in 1926-27.

Gingelly.—In Tinnevely, late gingelly was raised on a large area as there was not enough water for raising paddy; the crop was also grown on the black cotton soils, taking advantage of the unusually heavy rains in February and March. The increase in area in Bellary and Anantapur was due to good sowing rains in June. The reduction in area in Vizagapatam and Kistna was due to the expansion of groundnut. There was a reduction in area chiefly under the main crop in most of the other important districts, especially in Chingleput, South Arcot, North Arcot, and Salem.

Castor.—The area in Bellary and Anantapur was normal. The increase in the Circars, Kurnool, and Nellore more than set off the reduction in the other less important districts. In Chittoor and Coimbatore, castor was partly replaced by groundnut.

Cotton.—The area seems to increase and decrease alternately in cycles of three years as shown at page 13 of the Season and Crop Report of 1925-26. The area in 1926-27 was less than in the previous year, thus illustrating the cycle. The reduction was general and was partly due to the continued fall in the price of cotton and the partial failure of sowing rains.

Indigo.—The area was much restricted. The crop is now grown more as a green dressing than for the dye. The manufacture of the dye is being ousted by the supply of cheap synthetic dyes from Germany.

Tobacco.—This crop replaced cotton in parts of Guntur and Coimbatore. Groundnut partly replaced tobacco in Kurnool.

Fodder crops.—The area was above the normal in all the important districts. In Kistna, it was thrice the normal.

12. Paddy occupied 29 per cent of the total area under crops, other cereals 38 per cent, other food crops 12 per cent, and non-food crops 21 per cent. Paddy is important in all districts except in the Deccan, Salem, and Coimbatore; it occupied more than 75 per cent of the total area under crops in Tanjore and South Kanara. Other cereals are of minor importance in Ganjam, Godavari (East and West), Chingleput, and Tanjore, and on the West Coast (1 per cent). More than 80 per cent was under cereals in West Godavari, Nellore, Chingleput, and Tanjore. Pulses other than horsegram are important in Ganjam and Vizagapatam. Non-food crops accounted for more than 25 per cent in Guntur, the Deccan, South Arcot, North Arcot, Ramnad, Tinnevely, and Malabar; they occupied less than 10 per cent in Ganjam, West Godavari, Nellore, and South Kanara.

13. *Seasonal factor.*—Only samai gave a yield slightly below normal. The yields of all the other crops were low, especially bengalgram (63 per cent), castor (73 per cent), maize (74 per cent), horsegram (80 per cent), indigo, cotton, varagu, and cholam. The harvesting charges of groundnut were heavier owing to the hardness of the soil and the difficulty of uprooting the crop.

The yield per acre of most of the crops was fairly satisfactory in the Circars especially Ganjam, in Chittoor, and on the West Coast. Variga gave a low yield in Guntur. The yield of most crops was reduced mainly by drought in the other districts, especially in Bellary, Anantapur, Cuddapah, Ramnad, Salem, North Arcot, Trichinopoly, and South Arcot. In these districts, yields were normal or slightly above normal only for cholam and samai in Tinnevely, cumbu and korra in Kurnool, cumbu and ragi in Anantapur and Nellore, cumbu in Cuddapah, samai and gingelly in Anantapur, samai and upam cotton in Coimbatore, groundnut in Chingleput, and Tinnevelles cotton in Ramnad. Second pickings of cotton in the South were above normal owing to good summer showers; Tinnevelles cotton put forth fresh flushes so profusely that they resembled the first crop in some places.

Late gingelly in Tinnevely suffered from excessive rains. In Raminad and Tinnevely, the rains in February and March damaged part of the cotton crop which was in the process of maturing or picking but they were beneficial to the late sown crop in the south of the tract.

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14. *Stocks*.—Stocks of food-grains were generally sufficient, the deficit in some of the districts having been made up by imports from outside.

15. *Prices.*—Prices of the principal food-grains were at first lower than in the corresponding period of the previous fasli. But prices began to rise gradually from September, first for ragi and then for dry grains, in the northern half of the Presidency. From February, prices of food-grains were generally higher. Prices of articles of import declined in all cases except kerosene oil. Prices of articles of export showed an advance in the case of skins, oilcakes, gingelly; unrefined sugar, and tea and a decline in other cases.

16. *Trade*.—There was an expansion in the foreign import trade, due to a marked improvement in the importation of cotton manufactures and sugar. On the other hand, there was an appreciable decline in the foreign export trade, due to a heavy decrease in the exports of staple articles. Raw cotton suffered from the competition of a plentiful supply of cheap American cotton as well as from the restriction of manufacturing activities through fuel shortage. The unsettled state of the franc exchange, the great difficulty experienced in securing easy freights due to the coal strike in England, the fall in prices, and the failure of timely rains affected the export of groundnut. There were, however, larger despatches of rice to Ceylon mainly from the districts of Tanjore and Godavari. There were larger shipments of copra both to foreign and coastwise ports. There was a large decline in the imports of grain and pulse from Burma. Shipments of raw cotton to Bombay, groundnut oil to Burma, and coconut oil to Bengal showed an increase.

17. *Cattle*.—The mortality of cattle from contagious diseases was slightly higher than in the previous year. The highest mortality was in Ganjam.

Rinderpest accounted for 40 per cent. of the deaths.—It was very severe in Nellore, Malabar, and Chingleput. Hæmorrhagic Septicæmia was severe in parts of the Circars, Carnatic, and Tanjore. Anthrax was very severe in Nellore. Mortality from blackquarter was unusually high in the year, especially in Chittoor.

Government helped the ryots to secure pasture and fodder for their cattle whenever necessary by granting loans for purchase, throwing forests open for grazing at concession rates, permitting the free removal of grass from reserved forests, and allowing concession rates of railway freight for the transport of fodder.

18. *Condition of the agricultural population.*—The ryot in the Circars and Chittoor was fairly prosperous. On the West Coast, his condition was good owing to the fairly good yield of paddy, the favourable season for coconut, and the high yield and price of pepper; patches of bar were, however, smaller. There was progress in the demonstration of agricultural improvements in all these districts. The condition of the ryot was not generally satisfactory in the other districts, especially in the big cotton tracts where he suffered both from the reduced yield and falling prices. The indebtedness of the Deccan ryot was on the increase and he had to sell his lands in some cases to the money-lender or a non-cultivator.

Wages continued to be high in most places. The money market was tight in the year.

The insufficiency and high cost of manures continues to be a serious handicap to the increased yield of crops and to the improvement of the economic condition of the ryot.

APPENDIX I (paragraphs 1 to 4, page 1 of the report).

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APPENDIX II (paragraphs 1 to 4, page 1 of the report).
Rainfall in each district in 1926-27 as compared with the average of the 51 years ending with 1920.

District.	South-west monsoon (June to September).	North-east monsoon (October to December).	Dry weather (January to March).		Hot weather (April and May).		Total.		Remarks on season.	District.							
			Rainfall.	Aver- age.	Rainfall.	Aver- age.	Rainfall.	Aver- age.									
											1926-27.	(3)	1926-27.	(4)	1926-27.	(5)	1926-27.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)					
Ganjam ..	45.7	3.4	7.5	0.9	2.2	0.9	3.2	0.2	53.3	50.0	South-west monsoon late but favourable on the whole ; north-east mon- soon a failure—season not altogether favourable. Fairly favourable in spite of the disappointing nature of the north-east monsoon. Generally favourable. Quite favourable in the delta but unfavourable in the uplands—favourable on the whole.	Ganjam.					
Plains ..	26.7	28.8	4.9	11.0	1.9	1.7	1.5	3.6	34.7	45.1		Vizagapatam					
Agency ..	42.4	27.3	2.9	5.7	0.6	7.4	2.2	5.1	48.1	50.5		Godavari					
Plains ..	33.4	24.4	2.4	10.4	2.4	7.4	2.5	3.7	32.2	40.0		Godavari East.					
Agency ..	35.4	26.7	2.4	7.4	2.4	7.4	2.5	4.1	43.2	40.0		Godavari West.					
Plains ..	30.6	24.6	4.5	12.2	1.1	0.9	1.5	2.6	37.3	40.6	Kistna.						
Plains ..	28.6	26.4	2.1	9.9	1.1	0.7	1.5	2.3	33.3	35.3	Guntur.						
Godavari (West)	20.4	24.1	1.2	9.6	0.4	1.1	1.1	2.2	23.1	37.0	Kurnool.						
Kistna ..	16.6	16.7	1.7	10.3	0.4	7.0	1.0	2.7	18.7	32.1	Bellary.						
Guntur ..	14.3	17.3	1.9	5.9	0.1	0.8	0.7	1.9	17.0	25.7	Anantapur.						
Kurnool ..	13.1	14.6	2.3	5.6	0.2	0.4	1.3	2.6	16.8	23.2	Cuddapah.						
Bellary ..	11.8	15.4	3.4	6.3	Nil	0.4	1.4	2.6	15.6	22.7	Nellore.						
Anantapur ..	11.5	15.4	4.5	10.1	Nil	0.7	0.7	2.0	20.5	28.2	Chingleput.						
Cuddapah ..	12.0	14.3	6.3	20.3	0.1	1.5	0.7	1.7	31.1	35.0	South Arcot.						
Nellore ..	11.0	12.3	3.3	20.6	0.8	7.8	0.8	1.9	30.4	46.5	North Arcot.						
Chingleput ..	11.9	15.8	1.9	27.0	0.8	7.8	0.8	1.9	30.4	46.5	Salem.						
South Arcot ..	11.1	16.6	17.5	34.8	0.9	1.9	3.0	2.7	32.9	46.0	Coimbatore.						
Chittoor ..	19.1	15.0	7.1	14.1	0.3	7.4	1.9	3.0	28.4	35.5	Trichinopoly.						
North Arcot ..	15.8	10.1	14.8	10.1	14.8	0.4	2.6	3.5	26.9	37.7	Tanjore.						
South Arcot ..	11.6	14.8	7.0	11.2	0.2	1.4	5.3	5.5	24.0	32.7	Madura.						
Salem ..	12.8	8.4	10.6	11.2	0.7	1.4	4.2	5.1	29.2	32.6	Kannad.						
Coimbatore ..	10.8	12.1	9.9	15.2	0.7	1.6	4.1	4.9	25.6	33.8	Tinnevely.						
Trichinopoly ..	10.3	12.4	20.5	27.1	3.8	3.3	3.1	3.7	44.9	44.9	Malabar.						
Tanjore ..	8.7	12.4	30.5	27.1	3.8	3.3	3.1	3.7	44.9	44.9	South Kanara.						
Madura ..	5.3	9.0	12.1	15.3	1.7	2.0	7.0	5.1	29.5	31.4	The Nilgiris.						
Rannad ..	5.8	7.3	11.1	17.3	4.0	2.4	7.3	3.7	28.2	30.7							
Tinnevely ..	4.2	3.3	9.7	15.7	10.7	3.5	6.7	3.1	31.2	29.0							
Malabar ..	10.4	18.4	17.2	1.8	7.3	11.6	17.0	13.7	17.9	117.9							
South Kanara ..	120.5	12.1	10.6	12.6	Nil	0.3	6.7	7.1	137.8	144.5							
The Nilgiris ..	43.8	12.1	11.6	10.5	3.2	3.6	7.8	8.9	68.4	74.1							

District.	Forests.		Not available for cultivation.		Cultivable waste other than fallows.		Current fallows.		Net area sown.		Total area in 1926-27.	District.
	Area.	Percentage to total area.	Area.	Percentage to total area.	Area.	Percentage to total area.	Area.	Percentage to total area.	Area.	Percentage to total area.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Ganjam ..	ACS. 417,535	8	ACS. 1,015,396	19	ACS. 2,033,389	38	ACS. 360,095	7	ACS. 1,508,402	28	ACS. 5,364,818	Ganjam.
Vizagapatam ..	940,771	8	4,230,961	39	2,360,617	21	844,335	8	2,627,656	24	10,999,240	Vizagapatam.
Godavari (East) ..	842,931	18	2,157,781	47	251,662	6	335,325	7	994,746	22	4,582,445	Godavari (East).
Godavari (West) ..	80,431	5	164,500	11	176,471	13	341,400	23	742,191	40	1,504,993	Godavari (West).
Kistna ..	88,779	4	282,786	14	292,440	15	303,458	15	1,049,219	52	2,016,692	Kistna.
Guntur ..	475,331	13	392,961	11	268,706	7	578,020	10	1,967,806	53	3,683,821	Guntur.
Kurnool ..	1,612,843	34	315,876	6	540,259	11	276,682	6	2,050,189	43	4,825,849	Kurnool.
Bellary ..	353,161	10	239,248	6	385,675	10	287,359	8	2,401,363	66	3,649,806	Bellary.
Anantapur ..	451,994	11	542,280	13	729,691	17	524,434	12	2,024,581	47	4,272,980	Anantapur.
Cuddapah ..	1,155,003	31	533,155	14	647,638	18	329,625	9	1,059,876	28	3,724,695	Cuddapah.
Nellore ..	464,800	9	1,636,262	32	917,003	18	878,027	17	1,191,108	24	5,087,200	Nellore.
Chingleput ..	123,867	3	721,202	37	100,436	5	250,345	13	770,947	39	1,665,897	Chingleput.
Madras ..	163,331	6	688,683	28	153,246	6	350,688	13	1,327,159	49	2,633,098	Madras.
South Arcot ..	646,759	15	1,439,664	40	564,120	16	336,398	10	694,375	19	3,590,316	South Arcot.
Chittoor ..	784,503	25	655,202	31	215,177	7	330,669	11	1,155,284	36	3,170,935	Chittoor.
North Arcot ..	1,000,756	22	784,020	18	432,736	10	611,574	14	1,588,830	36	4,433,916	North Arcot.
Salem ..	(a) 1,487,443	32	338,951	8	142,872	3	752,419	16	1,908,443	41	4,628,128	Salem.
Coimbatore ..	148,783	5	473,849	17	253,269	9	657,142	23	1,279,774	46	2,815,822	Coimbatore.
Trichinopoly ..	12,460	1	338,287	26	138,180	6	245,135	10	1,351,958	57	2,386,320	Trichinopoly.
Tanjore ..	422,779	14	574,385	18	419,941	13	518,379	16	1,220,168	39	3,155,652	Tanjore.
Madura ..	46,353	2	423,805	18	352,899	15	380,219	16	1,131,302	49	2,314,578	Madura.
Raman ..	220,804	8	636,055	23	35,275	1	726,424	26	1,169,759	43	2,788,317	Raman.
Tinnevely ..	358,642	10	783,453	21	1,065,450	29	61,250	1	1,433,925	39	3,706,725	Tinnevely.
Malabar ..	514,475	20	416,036	18	706,348	28	392,837	15	543,308	21	2,573,509	Malabar.
South Kanara ..	316,140	50	47,660	8	46,871	7	143,573	23	78,680	12	632,830	South Kanara.
The Nilgiris ..												The Nilgiris.
Total for the Presidency.	13,073,762	14.4	20,149,099	22.2	(a) 13,217,539	14.6	10,873,729	12.1	33,263,040	36.7	90,577,219	Total for the Presidency.

NOTE.—(a) Excludes an extent of 24,517 acres under cultivation in reserved forests. This extent has been included in net area sown.
(b) This includes 685,851 acres of batul trees, casuarinas, thatching grass, etc., mostly in Ganjam (198,776 acres), Vizagapatam (266,272 acres), and the Carnatic (66,749 acres).
Blanks in the statement mean that there is no area in the district under the head in question.

APPENDIX IV (paragraph 8, page 2 of the report).
Area irrigated in each district from the various sources of irrigation (canals, tanks, etc.) in 1926-27 and the percentage of the area irrigated from each of them to the total irrigated area.

District.	Government canals.		Private canals.		Tanks.		Wells.		Other sources, i.e., spring channels, etc.		Total.	Percentage of irrigated area to net area sown.	District.
	Area irrigated.	Percentage to total area.	Area irrigated.	Percentage to total area.	Area irrigated.	Percentage to total area.	Area irrigated.	Percentage to total area.	Area irrigated.	Percentage to total area.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Ganjam ..	ACS. 162,010	23	ACS. 132,039	19	ACS. 278,119	40	ACS. 5,187	1	ACS. 113,828	17	ACS. 691,163	40	Ganjam.
Vizagapatam ..	60,835	3	73,869	11	359,298	54	64,246	10	102,801	16	661,039	25	Vizagapatam.
Godavari (East) ..	411,212	73	35,566	6	92,601	16	1,707	Nil.	26,461	5	567,547	27	Godavari (East).
Godavari (West) ..	536,537	89	438	1	50,056	8	7,886	1	8,058	1	602,975	31	Godavari (West).
Kistna ..	455,553	86	521	Nil.	54,817	10	7,371	1	14,663	3	532,925	51	Kistna.
Guntur ..	327,063	90	..	..	13,971	4	16,788	5	5,139	1	362,961	18	Guntur.
Kurnool ..	39,511	42	..	..	32,884	35	17,975	19	3,577	4	93,977	5	Kurnool.
Bellary ..	21,976	41	38	Nil.	15,392	29	14,095	26	2,291	4	53,789	2	Bellary.
Anantapur ..	25,854	15	970	1	74,337	45	62,698	38	1,498	1	165,357	8	Anantapur.
Cuddapah ..	56,262	27	1,746	1	46,670	22	99,038	47	6,925	3	210,695	30	Cuddapah.
Nellore ..	109,188	23	..	..	214,680	46	129,660	28	11,673	3	465,501	39	Nellore.
Chingleput ..	20,378	4	1,540	Nil.	414,086	67	19,297	4	21,163	5	477,074	63	Chingleput.
South Arcot ..	147,618	28	..	..	269,697	55	76,483	14	15,861	3	530,659	47	South Arcot.
Chittoor ..	10,946	4	5,890	2	115,213	57	80,680	32	12,612	5	254,841	30	Chittoor.
North Arcot ..	22,026	6	1,984	1	222,586	65	80,481	24	13,403	4	340,782	29	North Arcot.
Salem ..	18,594	3	7,786	4	52,621	28	118,781	58	7,210	3	204,995	23	Salem.
Coimbatore ..	76,279	15	340	Nil.	19,907	4	358,476	78	12,742	3	461,744	24	Coimbatore.
Trichinopoly ..	124,341	50	..	..	54,229	22	68,301	27	3,571	1	250,442	29	Trichinopoly.
Tanjore ..	837,808	84	..	..	145,781	15	14,676	1	2,427	Nil.	1,000,692	74	Tanjore.
Madura ..	152,441	35	5,041	1	105,848	34	164,574	38	9,977	2	438,881	36	Madura.
Raman ..	1,049	Nil.	248	Nil.	213,057	65	78,984	24	37,064	11	330,402	29	Raman.
Tinnevely ..	46,825	15	1,994	1	174,959	56	82,231	27	3,221	1	309,230	26	Tinnevely.
Total for the Presidency.	3,658,336	40.6	269,500	3.0	3,072,615	34.1	1,569,876	17.4	437,165	4.9	(a) 9007,492	27	Total for the Presidency.

NOTE.—There are no sources of irrigation on the West Coast and Hills.
(a) Excluding the West Coast and Hills, 29 per cent of the area sown was irrigated during the year.

APPENDIX V (paragraph 9, page 2 of the report).

Area of crops irrigated in 1926-27.

District.	Area irrigated under											District.
	Paddy.		Cholam.		Cumbu.		Ragi.		Cotton.		Sugar-cane.	
	Normal.	1926-27.	Normal.	1926-27.	Normal.	1926-27.	Normal.	1926-27.	Normal.	1926-27.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
Ganjam ..	722,000	634,181	700	1,100	909	1,500	65,000	70,602	143	4,808		Ganjam.
Vizagapatam ..	551,300	576,499	2,559	215	3,100	359	58,200	94,883	44	35,941		Vizagapatam.
Godavari (East).	608,000	649,542	150	180	..	..	6,500	1,519	6	9,799		Godavari (East).
Godavari (West).	578,000	626,809	80	122	..	2	2,300	501	1	1,227		Godavari (West).
Kistna ..	478,000	513,874	130	253	30	13	1,100	1,130	..	110		Kistna.
Guntur ..	520,200	533,809	2,000	1,892	4,700	2,748	12,300	8,544	19	97		Guntur.
Kurnool ..	70,000	48,503	4,000	4,781	13,500	11,640	23,000	14,512	2,441	600		Kurnool.
Bellary ..	37,500	23,952	5,000	4,597	203	364	10,400	8,402	(a)	4,325		Bellary.
Anantapur ..	112,000	92,083	25,200	25,612	2,000	546	63,000	72,345	1,511	2,520		Anantapur.
Cuddapah ..	117,500	96,133	9,000	5,705	28,700	32,231	72,000	53,457	1,302	618		Cuddapah.
Nellore ..	384,000	331,640	49,000	15,752	72,700	61,151	65,000	72,300	49	49		Nellore.
Chingleput ..	593,100	491,703	900	942	3,000	3,694	72,000	64,419	135	135		Chingleput.
South Arcot ..	490,350	442,063	2,500	3,123	12,600	15,273	75,300	73,046	36	7,391		South Arcot.
Chittoor ..	157,800	138,701	23,600	14,917	13,500	12,183	58,100	64,838	109	114		Chittoor.
North Arcot ..	453,000	323,715	20,000	12,541	11,400	6,135	84,000	68,952	500	153		North Arcot.
Salem ..	202,000	87,091	31,000	41,943	32,000	42,673	43,000	32,504	5,400	12,012		Salem.
Coimbatore ..	107,500	92,321	178,200	133,750	14,000	49,282	119,000	85,330	100,000	(b)95,511		Coimbatore.
Trichinopoly ..	276,000	206,263	33,000	22,598	20,500	23,549	60,000	32,856	7,200	10,903		Trichinopoly.
Tanjore ..	1,014,000	1,010,602	15,500	14,477	800	589	18,500	15,498	..	750		Tanjore.
Madura ..	359,500	309,910	74,000	76,147	13,000	15,717	71,000	62,939	13,000	21,967		Madura.
Ramnad ..	264,000	203,347	31,000	38,854	11,000	6,547	63,800	56,351	23,000	20,209		Ramnad.
Tinnevely ..	348,700	319,598	76,100	72,487	8,200	3,775	38,100	29,468	6,500	10,585		Tinnevely.
Total for the Presidency.	8,155,900	7,431,683	533,610	492,981	309,830	321,801	1,101,300	888,350	160,700	181,590	110,738	Total for the Presidency.

District.	Area irrigated under.											Percentage of the area irrigated to the total area sown.	District.
	Korra.	Varagu.	Samai.	Other cereals and pulses.	Gin-gelly.	Ground nut.	Caster.	Indigo.	Other crops.	Total.			
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)			
Ganjam ..	ACS. 830	ACS. 260	2,524	19,767	12,054	5,511	265	...	6,353	780,244	43	Ganjam.	
Vizagapatam ..	1,171	...	2,598	15,195	35,148	70	320	...	24,400	788,376	26	Vizagapatam.	
Godavari (East).	2	1	2,502	22,469	...	...	34	...	13,291	599,676	48	Godavari (East).	
Godavari (West).	5	1	867	25,381	1	18	1	...	18,611	673,549	71	Godavari (West).	
Kistna ..	8	4	840	...	3	31	...	...	21,330	537,597	46	Kistna.	
Guntur ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Guntur.	
Kurnool ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Kurnool.	
Bellary ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Bellary.	
Anantapur ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Anantapur.	
Cuddapah ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Cuddapah.	
Nellore ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Nellore.	
Chingleput ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Chingleput.	
South Arcot ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	South Arcot.	
Chittoor ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Chittoor.	
North Arcot ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	North Arcot.	
Salem ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Salem.	
Coimbatore ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Coimbatore.	
Trichinopoly ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Trichinopoly.	
Tanjore ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Tanjore.	
Madura ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Madura.	
Ramnad ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Ramnad.	
Tinnevely ..	5,978	1,814	162	3,244	88	877	17	2	16,804	337,417	17	Tinnevely.	
Total for the Presidency.	70,633	35,726	17,485	111,392	147,048	143,363	3,823	21,055	431,339	10,569,645	23	Total for the Presidency.	

(a) There is a small extent under irrigation in these districts but the normal area was not fixed as the yield does not differ much from that of the unirrigated variety. (b) Includes 13,492 acres of irrigated karunganni.

NOTE.—(1) There are no sources of irrigation on the West Coast and Hills.

(2) Blanks in the statement mean that there is no area irrigated under the crop in the district.

APPENDIX VI—(Quinquennial).

Total number of oil-engines, tanks, channels and wells actually used in each district of the Madras Presidency for purposes of irrigation in 1925-26.

District.	Olingines (12) in working order.	Tanks with aynouts.						Total.		Channels of all sorts.		Wells of all sorts.		District.
		Under 10 acres.		Not exceeding 200 acres.		Exceeding 200 acres.				Govt.	Pri- vate.	Govt.	Private.	
		Govt.	Pri- vate.	Govt.	Pri- vate.	Govt.	Pri- vate.	Govt.	Pri- vate.					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Ganjam	..	765	59	1,549	172	87	..	2,401	231	900	1	..	2,480	Ganjam.
Vizagapatam ..	..	366	234	781	16	32	..	1,179	250	297	41	1,349	2,641	Vizagapatam.
Godavari (East)	14	230	42	731	27	42	24	1,003	103	678	343	..	634	Godavari (East).
Godavari (West)	1	103	27	293	39	26	..	425	65	586	..	1	1,218	Godavari (West).
Kistna	18	23	942	92	158	..	7	115	1,107	660	40	..	608	Kistna.
Guntur	2	16	9	238	43	11	1	255	53	2,090	79	..	3,910	Guntur.
Kurnool	1	82	16	307	20	59	..	428	33	218	..	1,425	3,629	Kurnool.
Bellary	1	76	35	191	19	28	..	295	54	180	9	..	6,017	Bellary.
Anantapur ..	3	271	67	692	75	121	4	1,084	146	1,462	134	..	23,300	Anantapur.
Cuddapah ..	11	493	29	633	39	51	2	1,177	70	626	17	1,298	39,538	Cuddapah.
Nellore	..	24	30	414	92	174	3	612	125	109	..	..	817	Nellore.
Chingleput ..	23	137	8	1,785	22	482	..	2,464	30	454	3	106	22,045	Chingleput.
South Arcot ..	107	337	138	2,181	150	282	1	2,780	279	533	19	47	79,394	South Arcot.
Chittoor	2	1,914	45	1,766	34	33	..	3,713	79	1,079	54	215	22,475	Chittoor.
North Arcot ..	31	264	78	2,104	41	276	..	2,644	119	975	9	2	124,482	North Arcot.
Salem	2	682	176	1,162	94	72	3	1,906	273	837	93	117	59,737	Salem.
Coimbatore ..	76	4	11	69	18	34	2	107	31	191	182	321	88,723	Coimbatore.
Trichinopoly ..	11	624	225	717	36	58	..	1,399	281	402	8	5	37,606	Trichinopoly.
Tanjore	..	112	13	562	27	47	1	721	41	2,367	..	..	9,461	Tanjore.
Madura	5	1,992	348	1,448	19	91	..	3,531	367	512	1	35	54,040	Madura.
Ramnad	..	12	122	245	1,167	42	33	299	1,322	22	..	2	27,482	Ramnad.
Tinnevely	5	282	75	1,511	149	132	1	1,925	225	278	10	71	27,472	Tinnevely.
Grand total	313	6,869	2,730	19,464	2,456	2,140	82	30,473	5,268	16,456	1,043	6,616	642,606	Grand total.

NOTE.—Blanks in the statement mean that there is no figure under the head in the district.

Govt.=Government.

APPENDIX VII (paragraphs 10 and 11, pages 2 and 3 of the report).

Area sown with crops in 1926-27 as compared with the normal.

District.	Paddy, unirrigated		Paddy, irrigated and unirrigated.		Cholam, unirrigated.		Cholam, irrigated and unirrigated.		Cumbu, unirrigated.		Cumbu, irrigated and unirrigated.	
	Normal. (2)	1926-27. (3)	Normal. (4)	1926-27. (5)	Normal. (6)	1926-27. (7)	Normal. (8)	1926-27. (9)	Normal. (10)	1926-27. (11)	Normal. (12)	1926-27. (13)
Ganjam ..	ACS. 460,000	ACS. 497,443	ACS. 1,182,000	ACS. 1,151,604	ACS. 23,500	ACS. 12,932	ACS. 23,200	ACS. 14,032	ACS. 22,000	ACS. 10,335	ACS. 22,900	ACS. 11,835
Vizagapatam ..	539,400	578,884	1,121,200	1,155,383	110,000	77,194	112,550	77,439	181,000	190,606	187,100	190,965
Godavari, East ..	60,000	85,855	563,000	635,397	114,500	100,933	114,650	101,163	41,800	35,423	41,800	35,423
Godavari, West ..	34,300	54,491	610,300	681,300	97,000	73,431	97,080	73,553	12,200	8,843	12,200	8,843
Kistna ..	18,700	24,502	496,700	538,376	260,000	243,367	260,130	243,620	42,000	35,689	42,030	35,702
Guntur ..	50,000	66,117	370,200	399,926	380,500	353,152	382,500	355,044	240,400	245,347	245,100	248,095
Kurnool ..	12,400	11,024	82,400	57,827	767,000	648,401	711,000	653,182	72,500	62,438	86,000	74,078
Bellary ..	2,500	4,178	40,000	28,130	845,000	777,355	850,000	781,952	89,800	117,146	90,000	117,510
Anantapur ..	2,500	631	114,500	82,714	311,000	271,504	336,200	279,116	136,000	171,111	138,000	171,677
Cuddapah ..	3,600	4,032	121,100	94,231	225,000	273,064	304,000	297,769	94,600	91,900	123,300	124,131
Nellore ..	12,700	18,334	336,700	349,474	340,000	368,157	339,000	383,900	20,000	13,855	92,700	105,046
Chingelput ..	107,400	145,822	700,500	637,535	8,100	7,591	9,000	8,533	11,000	10,543	14,000	14,237
South Arcot ..	91,300	97,266	581,600	539,410	59,800	58,393	62,100	61,966	125,000	71,574	137,500	86,847
Chittoor ..	17,000	28,939	174,800	167,040	7,900	11,472	31,500	26,410	148,200	151,566	167,700	163,740
North Arcot ..	40,800	53,597	493,300	377,312	21,600	32,880	41,600	45,421	131,000	104,447	142,400	110,682
Maler ..	10,600	5,956	212,600	93,047	167,000	116,395	158,000	158,251	363,000	379,401	395,000	431,674
Coimbatore ..	900	1,034	168,400	101,255	397,600	299,471	573,700	433,231	380,000	408,039	427,000	467,321
Trichinopoly ..	48,000	43,803	323,000	250,666	220,000	187,538	253,000	210,046	274,000	264,143	300,500	289,432
Tanjore ..	102,000	92,394	1,116,000	1,102,996	1,200	616	16,700	16,093	11,000	5,876	11,800	6,565
Madura ..	1,600	2,337	360,100	312,247	223,000	162,093	237,000	238,156	51,000	55,874	64,000	71,591
Ramnad ..	159,000	82,672	423,000	286,019	78,500	67,499	109,500	106,263	167,000	129,644	178,000	136,191
Tinnevely ..	4,600	10,417	353,300	330,013	35,800	55,449	111,900	127,936	198,000	184,047	206,200	187,822
Malabar ..	873,400	883,905	874,400	883,905	200	291	200	291	10	10	10	10
South Kanara ..	596,000	579,362	596,000	579,362	..	..	..	..	..	..	..	..
The Nilgiris ..	5,700	6,118	5,700	6,118	150	100	150	100	..	26	..	26
Grand Total	3,253,900	3,380,003	11,419,500	10,841,686	4,648,950	4,199,494	5,230,560	4,692,475	2,814,510	2,757,883	3,124,340	3,079,684

Area sown with crops in 1926-27 as compared with the normal—cont.

District.	Horsegram. ✓		Other pulses.		Total pulses.		Chillies. ✓		Other condiments and spices.		Total condiments and spices.	
	Normal. (38)	1926-27. (39)	Normal. (40)	1926-27. (41)	Normal. (42)	1926-27. (43)	Normal. (44)	1926-27. (45)	Normal. (46)	1926-27. (47)	Normal. (48)	1926-27. (49)
Ganjam ..	50,000	27,341	9,000	6,516	237,000	205,315	2,400	2,533	28,000	(a) 18,925	30,400	21,458
Vizagapatam ..	92,200	89,123	8,701	13,546	215,500	203,355	15,800	18,601	15,400	(b) 35,903	31,200	54,504
Godavari, East ..	63,000	67,551	11,600	6,703	148,700	157,521	22,000	24,485	11,000	(c) 6,031	33,000	30,515
Do. West ..	40,000	35,531	4,700	4,153	62,900	50,716	7,000	7,179	4,400	2,222	11,400	9,401
Kistna ..	45,000	26,552	2,000	2,383	92,300	68,513	14,000	10,973	10,300	3,711	21,300	23,681
Guntur ..	54,700	14,812	800	915	109,100	60,122	110,000	130,819	86,600	(e) 32,725	136,600	163,541
Kurnool ..	81,400	80,631	3,300	4,176	137,400	119,782	23,200	20,190	5,000	2,507	28,200	22,937
Bellary ..	80,500	82,517	18,500	18,855	171,800	161,411	7,500	9,081	4,300	5,545	11,800	14,626
Anantapur ..	313,800	318,275	2,300	2,960	342,100	375,475	7,100	7,750	11,000	(d) 13,532	18,100	21,412
Cuddapah ..	55,000	59,515	2,400	569	63,100	62,695	5,000	4,302	9,300	(e) 8,737	14,300	13,639
Nellore ..	109,600	76,030	1,200	2,239	128,600	102,607	9,000	8,537	2,900	3,963	11,900	12,555
Chingleput ..	5,500	7,457	1,000	682	11,900	12,504	3,000	2,500	1,000	795	4,500	3,355
South Arcot ..	9,400	8,015	1,700	2,083	18,000	15,139	2,000	1,976	5,400	3,503	7,400	5,452
Chittoor ..	46,700	52,873	1,500	674	52,100	53,256	5,800	5,505	7,800	8,942	13,600	14,447
North Arcot ..	57,000	53,362	3,000	1,979	92,200	71,954	3,300	3,353	6,100	6,219	9,400	9,605
Salem ..	233,500	236,918	30,900	25,616	308,700	295,825	9,200	6,956	10,500	7,425	19,700	14,411
Coimbatore ..	229,400	222,471	55,300	49,766	322,300	291,617	13,100	12,413	9,700	7,882	25,800	20,300
Trichinopoly ..	41,000	35,384	5,000	2,771	74,000	57,567	9,500	7,613	24,000	(f) 15,295	23,500	22,838
Tanjore ..	2,000	1,971	2,000	1,813	15,400	15,348	5,500	5,792	4,100	3,313	9,600	9,105
Madura ..	103,000	94,559	11,000	8,532	132,700	112,368	10,000	8,456	8,000	8,828	18,000	17,282
Ramnad ..	14,500	10,551	8,000	3,177	51,600	29,932	10,500	9,293	7,500	4,027	18,000	13,325
Tinnevely ..	112,600	51,145	27,800	16,204	178,700	101,724	20,300	20,411	15,100	(g) 8,905	35,400	29,916
Malabar ..	6,300	6,133	8,000	5,983	23,500	22,953	2,300	3,591	102,000	(h) 103,101	105,305	108,992
South Kanara ..	24,700	21,787	2,600	1,845	44,900	43,234	5,500	5,625	8,600	9,533	14,100	15,161
The Nilgiris ..	..	9	300	84	350	93	50	21	450	500	500	521
Grand Total ..	1,861,700	1,710,933	222,400	184,452	3,035,200	2,700,749	327,050	347,078	394,950	(i) 325,539	722,000	672,617

(a) Includes 5,240 acres under turmeric. (b) Includes 9,675 acres under turmeric and 2,855 acres under garlic. (c) Includes 22,921 acres under coriander and 6,577 acres under turmeric. (d) Includes 7,550 acres under coriander. (e) Includes 4,463 acres under turmeric. (f) Includes 11,523 acres under coriander. (g) Includes 8,229 acres under coriander. (h) Includes 8,336 acres under turmeric and 76,787 acres under pepper. (i) Includes 12,462 acres under garlic, 73,277 acres under coriander, 46,025 acres under turmeric, and 82,993 acres under pepper. (j) Includes 2,779 acres under garlic.

District.	Sugar-cane. ✓		Sugar (others).		Total sugar.		Mango. ✓		Plantain.		Other fruits and vegetables including root crops.	
	Normal. (50)	1926-27. (51)	Normal. (52)	1926-27. (53)	Normal. (54)	1926-27. (55)	Normal. (56)	1926-27. (57)	Normal. (58)	1926-27. (59)	Normal. (60)	1926-27. (61)
Ganjam ..	5,300	4,825	100	192	5,400	5,017	27,000	20,865	5,200	3,453	10,000	13,645
Vizagapatam ..	26,600	35,941	700	1,139	27,300	37,080	30,900	46,575	1,600	3,559	24,300	(a) 38,124
Godavari, East ..	11,100	9,799	300	477	11,400	10,275	18,000	24,110	4,000	4,828	11,500	11,253
Do. West ..	1,500	1,237	400	1,058	1,900	2,285	7,600	7,761	3,600	4,848	6,600	9,136
Kistna ..	300	110	2,200	3,194	2,500	3,304	7,700	8,651	200	185	3,000	5,035
Guntur ..	70	97	4,200	4,308	4,270	4,405	2,500	2,465	450	614	5,500	6,274
Kurnool ..	1,000	500	800	199	1,800	693	3,500	3,205	209	173	3,300	3,878
Bellary ..	9,000	7,829	150	92	9,150	7,921	2,800	1,927	500	445	4,300	3,914
Anantapur ..	3,500	2,520	6,700	10,179	10,200	13,999	3,200	3,941	150	45	3,200	6,024
Cuddapah ..	300	518	1,200	633	1,500	1,151	8,600	9,052	100	180	7,500	7,168
Nellore ..	10	49	1,500	2,100	1,510	2,149	5,700	5,199	350	237	1,700	3,846
Chingleput ..	80	135	1,500	1,402	1,500	1,537	5,000	3,281	1,300	1,516	6,700	4,344
South Arcot ..	7,000	7,391	1,100	1,200	8,100	8,681	1,400	1,700	1,000	1,255	28,000	16,990
Chittoor ..	12,300	10,880	1,500	2,055	13,800	12,945	19,000	22,552	1,500	779	3,900	4,563
North Arcot ..	4,000	4,748	2,000	2,013	6,000	6,761	13,500	16,085	700	465	6,600	5,713
Salem ..	5,900	4,743	800	649	6,700	5,392	5,200	3,974	4,600	3,679	8,200	2,911
Coimbatore ..	9,800	10,322	400	355	10,300	10,717	400	406	3,700	2,887	7,700	(b) 10,655
Trichinopoly ..	8,000	5,855	400	332	8,400	6,017	2,500	2,434	9,200	9,075	10,500	11,312
Tanjore ..	900	760	2,400	2,303	3,300	3,123	6,400	5,506	10,900	11,100	14,500	11,602
Madura ..	2,600	2,136	900	1,054	3,500	3,190	2,500	2,501	13,800	13,898	11,500	(c) 11,978
Ramnad ..	500	331	1,500	1,293	2,000	1,624	600	807	4,000	4,767	3,100	11,626
Tinnevely ..	200	197	39,000	34,422	39,200	34,619	700	879	5,500	5,836	8,300	8,147
Malabar ..	120	108	11,400	12,504	11,500	12,612	47,500	47,697	47,200	48,459	67,000	80,469
South Kanara ..	3,100	2,631	350	362	3,450	3,993	2,300	2,458	2,400	2,534	14,000	16,233
The Nilgiris ..	..	3	..	..	..	3	..	..	550	560	9,800	(d) 9,359
Grand Total ..	113,180	114,495	81,700	83,705	194,880	198,200	224,400	244,331	192,000	195,305	250,700	(e) 312,652

(a) Includes 5,367 acres under onion. (b) Includes 6,496 acres under onion. (c) Includes 4,771 acres under onion. (d) Includes 8,111 acres under potato. (e) Includes 37,933 acres under onion.

District.	Total fruits and vegetables including root crops.		Miscellaneous food-crops.		Total food-crops.		Groundnut. ✓		Gingelly. ✓		Castor. ✓	
	Normal. (62)	1926-27. (63)	Normal. (64)	1926-27. (65)	Normal. (66)	1926-27. (67)	Normal. (68)	1926-27. (69)	Normal. (70)	1926-27. (71)	Normal. (72)	1926-27. (73)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Ganjam ..	42,200	37,933	2,500	4,063	1,883,900	1,691,358	24,000	37,017	45,000	54,042	5,800	5,378
Vizagapatam ..	56,500	86,458	1,200	11,172	2,463,000	2,573,133	60,000	91,399	162,450	132,960	8,500	11,372
Godavari, East ..	33,500	40,195	1,000	72	1,024,250	1,064,631	50	267	75,400	70,155	7,000	7,845
Do. West ..	17,800	21,793	100	956	810,100	860,933	600	5,184	62,000	47,665	9,200	11,106
Kistna ..	10,800	13,871	1,000	932	983,600	974,756	3,000	8,503	11,200	7,724	11,200	14,000
Guntur ..	8,450	9,353	700	432	1,855,230	1,642,389	12,000	77,894	800	861	47,900	61,865
Kurnool ..	7,000	7,251	100	..	1,611,700	1,426,860	180,000	357,853	4,200	2,481	40,000	44,519
Bellary ..	7,600	6,256	200	157	1,744,600	1,653,352	28,000	136,693	14,000	15,843	24,000	24,484
Anantapur ..	6,550	10,011	150	907	1,421,500	1,507,532	139,000	255,903	26,800	23,821	85,000	84,590
Cuddapah ..	16,200	16,380	..	..	818,500	770,445	143,000	251,366	5,300	6,591	21,000	12,441
Nellore ..	7,750	9,232	600	103	1,220,950	1,190,887	1,200	6,160	3,100	4,130	36,500	43,617
Chingleput ..	18,000	9,141	500	3,957	863,420	811,371	27,000	50,279	30,700	14,217	100	44
South Arcot ..	30,400	19,954	1,300	2,110	1,143,000	1,052,198	355,000	396,841	40,600	25,194	900	802
Chittoor ..	24,500	27,834	2,200	1,511	653,700	560,780	38,800	108,852	24,800	4,401	15,500	10,570
North Arcot ..	20,800	22,263	800	935	1,059,700	903,563	221,000	363,820	32,000	7,436	6,200	5,200
Salem ..	18,000	10,564	1,800	6,271	1,643,000	1,576,763	88,000	93,787	44,800	29,530	20,400	18,883
Coimbatore ..	11,800	13,348	200	200	1,567,300	1,325,644	59,000	125,676	23,500	30,870	15,700	9,998
Trichinopoly ..	22,200	23,421	500	124	1,323,350	1,172,338	94,200	94,141	46,000	45,107	10,300	8,773
Tanjore ..	31,800	28,508	2,000	..	1,303,150	1,282,467	84,700	80,232	23,200	23,015	800	739
Madura ..	27,000	28,372	600	44	1,233,700	1,125,993	59,000	49,784	30,000	22,515	10,500	7,450
Ramnad ..	7,700	17,200	1,200	1,178	1,115,400	877,779	25,000	29,877	20,000	28,124	2,100	1,848
Tinnevely ..	14,500	14,862	500	783	1,108,810	955,645	2,200	3,481	49,000	64,584	2,000	816
Malabar ..	161,700	176,645	19,300	13,605	1,225,550	1,249,467	600	1,419	12,200	11,876	600	352
South Kanara ..	18,700	21,225	..	..	684,000	669,722	..	..	3,000	2,749	200	169
The Nilgiris ..	10,350	9,919	100	101	33,040	33,461	..	1	30	30	..	13
Grand Total ..	627,100	682,356	38,650	49,623	31,115,770	29,353,803	1,696,550	2,680,156	774,680	681,890	380,400	385,023

Area sown with crops in 1926-27 as compared with the normal—cont.

District.	Total drugs and narcotics.		Fodder crops.		Miscellaneous non-food crops.	
	Normal. (98)	1926-27. (99)	Normal. (100)	1926-27. (101)	Normal. (102)	1926-27. (103)
Ganjam ..	ACS. 3,500	ACS. 2,623	ACS. 2,000	ACS. 1,272	ACS. 800	ACS. 13
Vizagapatam ..	50,850	57,095	18,750	23,650	450	1,603
Godavari, East ..	11,650	11,893	18,000	18,441	350	45
Do. West ..	5,240	5,589	2,600	5,502	50	13
Kistna ..	7,020	6,240	34,000	107,173	100	253
Guntur ..	55,200	66,722	168,000	186,589	500	400
Kurnool ..	24,060	2,088	10	93	1,800	1,972
Bellary ..	3,250	3,866	..	554	7,200	7,579
Anantapur ..	6,508	4,769	200	108	14,100	5,963
Cuddapah ..	2,400	1,959	..	57	5,000	12,163
Nellore ..	3,000	2,755	50	1,674	7,000	2,777
Chingleput ..	1,400	1,691	50	..	30,890	18,670
South Arcot ..	3,100	3,240	300	19	9,300	11,255
Chittoor ..	2,550	2,179	300	45	2,000	1,406
North Arcot ..	4,260	5,516	50	..	20,000	(a) 17,465
Salom ..	17,100	15,950	8,200	8,054	2,900	1,661
Coimbatore ..	52,000	64,280	20	5	12,000	11,320
Trichinopoly ..	5,900	5,903	1,500	54	1,500	1,215
Tanjore ..	4,100	4,615	20	..	10,000	14,235
Madura ..	24,000	23,509	2,700	2,231	9,900	6,041
Ramanad ..	4,900	4,358	31,400	34,205	7,500	3,147
Tinnevely ..	8,450	8,176	55,500	63,831	10,000	21,042
Malabar ..	96,030	95,245	220	18	16,200	(b) 26,547
South Kanara ..	19,620	19,555	1,400	976	200	219
The Nilgiris ..	45,400	48,201	50	90	1,100	(c) 832
Total ..	460,440	476,048	338,320	454,641	164,050	(d) 167,765

(a) Includes 10,766 acres for which cropwar particulars are not available.

(b) Includes 10,755 acres under rubber.

(c) Includes 839 acres under rubber.

(d) Includes 12,052 acres under rubber and 4,716 acres under flowers.

District.	Total non-food crops.		Grand total.		Area sown more than once.		Net area cropped.	
	Normal. (104)	1926-27. (105)	Normal. (106)	1926-27. (107)	Normal. (108)	1926-27. (109)	Normal. (110)	1926-27. (111)
Ganjam ..	ACS. 137,200	ACS. 125,468	ACS. 2,021,100	ACS. 1,817,336	ACS. 360,000	ACS. 308,934	ACS. 1,661,100	ACS. 1,568,402
Vizagapatam ..	478,850	493,719	2,929,850	3,066,852	449,350	444,196	2,490,500	2,622,656
Godavari, East ..	180,650	196,741	1,204,900	1,261,372	254,000	266,623	950,900	994,746
Do. West ..	92,540	93,017	932,640	949,955	199,000	207,764	733,640	742,151
Kistna ..	151,540	203,094	1,135,140	1,177,880	92,000	128,661	1,043,140	1,049,219
Guntur ..	500,520	578,544	2,365,450	2,271,383	275,200	253,577	2,080,250	1,987,805
Kurnool ..	565,910	652,610	2,177,610	2,079,470	68,200	29,281	2,109,410	2,050,189
Bellary ..	596,600	773,860	2,341,100	2,427,212	49,000	25,849	2,301,100	2,401,363
Anantapur ..	421,000	573,134	1,842,500	2,080,696	102,000	56,115	1,740,500	2,024,581
Cuddapah ..	283,500	351,380	1,122,000	1,130,805	104,000	79,930	1,018,000	1,059,876
Nellore ..	101,050	103,728	1,322,010	1,294,615	130,000	103,507	1,192,010	1,191,108
Chingleput ..	103,850	97,702	987,280	909,073	232,500	139,026	754,780	770,047
South Arcot ..	462,900	453,867	1,666,809	1,566,555	256,500	178,915	1,350,300	1,327,150
Chittoor ..	86,870	150,038	740,570	800,818	157,800	108,443	582,770	694,375
North Arcot ..	303,310	416,705	1,373,010	1,320,568	257,000	166,284	1,116,010	1,155,284
Salom ..	222,150	229,475	1,865,150	1,896,238	271,400	219,403	1,593,650	1,586,830
Coimbatore ..	600,320	532,614	2,307,620	2,198,255	300,000	249,815	2,007,620	1,908,443
Trichinopoly ..	208,720	152,576	1,532,576	1,383,726	112,250	108,352	1,370,370	1,279,774
Tanjore ..	162,200	175,786	1,455,350	1,458,243	115,000	106,285	1,353,100	1,351,958
Madura ..	274,700	267,032	1,508,400	1,393,025	185,000	172,857	1,323,400	1,220,168
Ramanad ..	375,490	313,328	1,490,890	1,191,107	74,000	59,805	1,416,890	1,181,302
Tinnevely ..	391,720	438,129	1,500,530	1,362,774	228,800	224,015	1,271,730	1,169,769
Malabar ..	456,600	463,251	1,682,150	1,712,718	283,000	278,793	1,399,150	1,433,925
South Kanara ..	72,550	73,215	756,050	742,227	196,200	199,929	559,850	543,308
The Nilgiris ..	46,620	49,244	79,670	82,705	4,000	4,120	75,670	78,680
Total ..	7,174,570	8,013,329	38,290,340	37,367,132	4,788,500	4,104,092	33,501,840	33,263,040

APPENDIX VIII (paragraph 12, page 3 of the report).

Percentage of the area under main crops in 1926-27 to the total area sown.

District.	Paddy.	Cholam.	Cumbu.	Ragi.	Korra.	Cereals.	Pulses and other than horse gram.	Food crops.	Ground-nut.	Gingelly.	Castor.	Coconut.	Cotton.	Indigo.	Tobacco.	Non-food crops.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Ganjam ..	63	..	..	11	..	78	10	93	..	3	..	..	..	..	2	7	Ganjam.
Vizagapatam ..	38	..	..	16	..	71	4	84	3	4	..	..	..	..	16	16	Vizagapatam.
Godavari, East ..	50	8	..	..	..	65	..	81	..	6	..	..	..	..	16	16	Godavari, East.
Do. West ..	72	8	..	..	..	82	..	91	..	5	1	..	..	..	9	9	Do. West.
Kistna ..	46	21	..	..	..	73	..	74	..	1	..	..	..	..	3	26	Kistna.
Guntur ..	18	16	11	..	4	63	..	69	..	2	..	..	..	..	31	31	Guntur.
Kurnool ..	31	4	..	..	17	61	..	68	..	1	..	..	..	..	32	32	Kurnool.
Bellary ..	32	5	..	..	20	60	..	68	..	7	..	..	..	..	31	31	Bellary.
Anantapur ..	14	8	5	13	52	61	..	69	..	22	..	..	..	..	31	31	Anantapur.
Cuddapah ..	8	25	11	5	6	61	..	69	..	..	..	..	..	..	11	11	Cuddapah.
Nellore ..	27	30	8	6	..	82	..	82	..	..	3	..	..	..	8	8	Nellore.
Chingleput ..	70	..	..	9	..	86	..	89	..	..	..	..	..	..	11	11	Chingleput.
South Arcot ..	26	..	6	7	..	66	..	70	..	2	..	..	..	..	30	30	South Arcot.
Chittoor ..	21	..	20	17	..	67	..	81	..	..	..	..	..	..	19	19	Chittoor.
North Arcot ..	29	..	8	9	..	60	..	68	..	..	..	..	..	..	32	32	North Arcot.
Salom ..	6	9	24	16	..	39	..	87	..	..	..	..	..	..	13	13	Salom.
Coimbatore ..	5	20	21	8	..	60	..	75	..	..	..	..	..	..	2	25	Coimbatore.
Trichinopoly ..	18	15	21	6	..	77	..	85	..	3	..	..	..	..	15	15	Trichinopoly.
Tanjore ..	75	..	..	6	..	84	..	88	..	..	2	..	..	..	12	12	Tanjore.
Madura ..	22	17	5	6	..	69	..	74	..	..	..	..	..	..	11	11	Madura.
Ramanad ..	24	9	11	7	..	63	..	69	..	..	..	..	..	..	26	26	Ramanad.
Tinnevely ..	24	9	13	..	..	63	..	73	..	..	..	..	..	..	27	27	Tinnevely.
Malabar ..	52	..	..	..	..	63	..	73	..	..	..	..	..	..	10	10	Malabar.
South Kanara ..	78	..	..	..	..	79	..	80	..	..	..	..	..	..	10	10	South Kanara.
The Nilgiris ..	7	..	..	..	..	28	..	40	..	..	..	..	..	..	60	60	The Nilgiris.
Presidency ..	29	13	8	6	4	67	3	79	7	2	1	1	6	Nil.	1	21	Presidency.

NOTE.—Blanks in the statement mean that the area under the crop is relatively small in the district.

APPENDIX IX (paragraph 18, page 3 of the report).

Seasonal factor or condition figure showing the effect of the season on the acre yield of crops in 1926-27 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).

District.	Paddy.	Cholam.	Cumbu.	Ragi.	Korra.	Varagu.	Samai.	Maize.	Bengalgram.	Horsegram.	Sugarcane.	Groundnut.	Gingelly.	Castor.	Cotton, irrigated.	Cotton, unirrigated.	Indigo.	Tobacco.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Ganjam ..	95	114	108	104	115	120	108	115	111	89	98	96	102	110	..	85	..	99	Ganjam.
Vizagapatam ..	47	80	96	112	97	82	104	115	113	92	87	108	94	110	..	96	100	93	Vizagapatam.
Godavari, East ..	100	81	83	85	99	89	102	103	63	83	100	92	84	78	..	89	83	92	Godavari, East.
Do. West ..	100	70	70	75	94	59	112	60	96	75	108	104	94	65	..	83	70	87	Do. West.
Kistna ..	197	90	84	73	97	83	45	108	84	71	115	98	69	..	..	78	77	103	Kistna.
Guntur ..	101	102	103	64	103	50	115	86	72	62	110	102	93	60	..	77	48	95	Guntur.
Kurnool ..	91	15	115	88	106	92	93	108	77	76	90	92	104	76	..	76	77	87	Kurnool.
Bellary ..	54	61	79	97	70	94	98	86	46	81	82	78	27	76	..	52	..	76	Bellary.
Anantapur ..	96	66	100	100	83	73	102	85	70	75	96	80	109	79	..	59	78	96	Anantapur.
Cuddapah ..	96	81	108	92	88	77	92	117	81	69	91	77	93	71	..	59	85	93	Cuddapah.
Nellore ..	85	84	103	153	61	60	74	76	95	70	110	75	100	66	..	67	73	81	Nellore.
Chingleput ..	85	100	100	66	85	97	99	100	98	88	95	101	96	99	..	100	86	92	Chingleput.
South Arcot ..	81	91	88	86	98	87	90	..	104	82	99	88	93	91	71	100	92	91	South Arcot.
Chittoor ..	68	94	110	106	94	73	115	110	92	86	101	100	80	91	100	91	92	91	Chittoor.
North Arcot ..	87	90	85	89	85	76	97	97	100	78	86	95	87	81	87	81	72	85	North Arcot.
Salem ..	88	88	88	82	97	88	84	60	81	72	91	92	89	78	81	..	89	87	Salem.
Coimbatore ..	94	90	85	80	103	101	100	113	99	85	93	95	73	78	(a) 91	(b)	93	92	Coimbatore.
Trichinopoly ..	90	88	83	86	96	77	91	100	91	84	93	91	89	80	85	..	93	93	Trichinopoly.
Tanjore ..	93	86	98	92	90	88	102	90	115	96	95	97	106	78	..	84	104	90	Tanjore.
Madura ..	93	96	93	87	103	91	92	63	87	86	100	99	92	89	92	..	78	89	Madura.
Ramanad ..	79	86	86	80	68	87	76	112	59	77	88	92	88	88	94	(b)	89	97	Ramanad.
Tinnevely ..	90	102	81	84	115	85	101	98	95	85	87	68	92	51	83	..	105	95	Tinnevely.
Malabar ..	95	116	..	88	115	..	103	40	115	99	104	100	100	92	..	96	..	83	Malabar.
South Kanara ..	99	..	..	98	..	..	104	..	..	101	98	..	105	98	..	100	..	101	South Kanara.
The Nilgiris ..	83	110	100	81	..	95	71	..	..	..	100	..	113	100	..	..	91	71	The Nilgiris.
Presidency ..	89	86	93	96	88	84	98	74	63	80	93	90	92	78	88	80	82	93	Presidency.
															88	80	82		

Normal yield per acre and the yield per acre attained in 1926-27—cont.

District.	Maize. (14)	Sugarcane. (15)	Gingelly. (16)	Castor. (17)	Cotton.		Tobacco. (20)	District. (21)
					Irrigated. (18)	Unirrigated. (19)		
	LB.	LB.	LB.	LB.	LB.	LB.	LB.	
Ganjam ..	1,000	5,000	280	250	..	50	1,000	Ganjam
Vizagapatam ..	1,000	5,500	336	250	..	50	1,000	Vizagapatam.
Godavari, East ..	1,000	7,500	336	250	..	75	1,000	Godavari, East.
Do. West ..	1,000	7,500	336	250	..	75	1,000	Do. West.
Kistna ..	1,100	7,500	336	250	..	75	1,300	Kistna
Guntur ..	1,100	7,500	280	250	..	75	1,300	Guntur
Kurnool ..	1,000	4,500	224	150	..	50	1,000	Kurnool
Bellary ..	1,000	6,000	224	150	..	50	1,000	Bellary
Anantapur ..	1,000	4,500	224	150	..	50	1,000	Anantapur.
Cuddapah ..	1,000	6,000	224	150	..	50	1,000	Cuddapah.
Nellore ..	1,000	6,000	280	250	..	75	1,300	Nellore
Chingleput ..	1,000	6,000	280	250	250	50	1,000	Chingleput.
South Arcot ..	1,000	6,500	280	250	250	65	1,000	South Arcot
Chittoor ..	1,000	7,300	280	250	250	65	1,000	Chittoor
North Arcot ..	1,000	6,000	230	250	250	50	1,000	North Arcot.
Salem ..	1,000	6,000	280	400	250	51	1,200	Salem
Coimbatore ..	1,000	7,500	280	400	250	71	1,200	Coimbatore.
Trichinopoly ..	1,000	6,000	336	400	250	58	1,200	Trichinopoly.
Tanjore ..	1,000	6,000	336	400	250	65	1,200	Tanjore
Madura ..	1,000	6,000	280	400	250	107	1,200	Madura
Ramnad ..	1,000	4,500	280	400	250	109	1,200	Ramnad
Tinnevely ..	1,000	4,500	280	400	250	108	1,200	Tinnevely.
Malabar ..	1,000	4,500	224	400	..	50	1,200	Malabar
South Kanara ..	1,000	5,400	280	400	..	50	1,200	South Kanara.
The Nilgiris ..	1,000	6,000	280	400	..	50	1,200	The Nilgiris.
Normal yield per acre.	1,059	6,383	303	229	250	71	1,165	Normal yield per acre.
Yield per acre in 1926-27.	781	5,059	279	168	219	57	1,089	Yield per acre in 1926-27.

Note.—(1) The normal yield per acre is 500 lb. for bengalgram, 200 lb. for horsegram, 1,120 lb. for groundnut and 28 lb. for indigo. (2) The yield per acre in 1926-27 was 315 lb. for bengalgram, 159 lb. for horsegram, 1,009 lb. for groundnut and 23 lb. for indigo. (3) Figures of normal yield of lint per acre for each variety of cotton in the southern half of the Presidency are—irrigated arabia 250 lb.; irrigated karunganni in Coimbatore 150 lb.; dry arabia 80 lb. in Salem, Coimbatore, and Trichinopoly, 100 lb. in Madura, Ramnad, and Tinnevely, and 50 lb. elsewhere; uppan 65 lb.; dry karunganni in Coimbatore 85 lb.; nadam and bourbon 20 lb.; tinnevelles 110 lb.

APPENDIX XI.

Total produce of the principal crops in 1926-27 as compared with the normal.

District. (1)	Paddy irrigated.		Paddy unirrigated.		Total rice.		Cholam irrigated.		Cholam unirrigated.	
	Normal. (2)	1926-27. (3)	Normal. (4)	1926-27. (5)	Normal. (6)	1926-27. (7)	Normal. (8)	1926-27. (9)	Normal. (10)	1926-27. (11)
	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.
Ganjam ..	419,000	364,500	161,300	170,550	391,000	358,000	383	670	383	4,000
Vizagapatam ..	563,600	349,500	192,600	200,550	378,000	389,000	1,500	110	34,400	19,300
Godavari, East ..	449,100	499,700	24,100	34,500	317,000	352,000	90	90	35,800	26,500
Do. West ..	514,300	559,650	15,300	24,300	385,000	391,000	53	50	30,300	16,100
Kistna ..	384,100	441,800	8,350	11,700	263,000	304,000	86	130	81,250	68,450
Guntur ..	237,300	270,900	54,550	32,800	189,000	203,000	1,200	1,100	107,000	101,300
Kurnool ..	59,050	30,400	5,500	4,500	37,000	23,300	2,500	2,800	168,800	173,250
Bellary ..	28,500	15,300	1,000	1,400	20,000	11,000	3,300	1,900	169,800	93,300
Anantapur ..	85,000	59,800	890	220	58,000	40,000	15,750	10,500	62,500	38,000
Cuddapah ..	91,400	69,600	1,450	1,550	64,000	48,000	6,000	3,600	83,000	62,200
Nellore ..	265,700	195,100	6,200	7,650	182,000	135,000	28,400	8,600	91,100	92,700
Chingleput ..	410,400	289,200	52,700	60,900	310,000	234,000	560	590	2,200	2,000
South Arcot ..	404,900	295,700	44,800	38,700	301,000	224,000	1,700	1,900	16,000	14,300
Chittoor ..	133,800	116,300	7,800	12,700	95,000	86,000	16,800	9,400	2,100	2,900
North Arcot ..	384,200	233,900	19,800	22,900	271,000	175,000	13,400	7,550	5,300	7,900
Salem ..	171,300	65,000	3,800	1,900	117,000	45,000	20,800	24,700	26,700	27,400
Coimbatore ..	91,200	79,200	320	650	61,000	54,000	118,000	13,300	108,500	72,200
Trichinopoly ..	233,300	157,450	21,400	17,600	171,000	117,000	22,100	38,600	49,100	86,800
Tanjore ..	792,200	734,300	50,100	42,200	564,000	520,000	9,000	7,200	270	120
Madura ..	812,100	250,900	640	870	210,000	169,000	46,250	45,700	59,700	41,650
Ramnad ..	212,100	114,400	80,900	25,400	196,000	98,000	19,400	29,300	14,000	10,350
Tinnevely ..	511,300	255,800	2,050	4,200	210,000	175,000	51,000	49,500	5,900	3,800
Malabar ..	..	..	545,900	524,800	366,000	352,000	..	..	60	100
South Kanara ..	..	..	399,100	384,100	267,000	257,000	..	..	..	..
The Nilgiris ..	..	..	4,600	4,100	3,000	3,000	..	..	39	20
Total ..	6,387,300	5,444,400	1,077,950	1,033,740	5,391,030	4,742,000	377,280	290,930	1,192,910	921,240

District.	Total cholam.		Cumbu irrigated.		Cumbu unirrigated.		Total cumbu.		Ragi irrigated.	
	Normal. (12)	1926-27. (13)	Normal. (14)	1926-27. (15)	Normal. (16)	1926-27. (17)	Normal. (18)	1926-27. (19)	Normal. (20)	1926-27. (21)
	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.
Ganjam ..	9,280	5,270	430	870	6,400	3,200	6,880	4,070	27,500	30,050
Vizagapatam ..	35,900	15,410	1,700	190	57,500	57,200	59,200	57,390	46,200	37,000
Godavari, East ..	35,800	26,580	..	..	11,800	8,300	11,800	8,300	3,500	840
Do. West ..	30,350	16,150	..	..	3,400	1,750	3,400	1,750	1,300	220
Kistna ..	81,320	68,580	20	10	11,800	8,400	11,820	8,410	790	590
Guntur ..	108,200	102,400	2,500	1,500	67,800	71,100	70,100	72,500	10,900	4,600
Kurnool ..	201,300	176,050	7,200	7,200	17,800	16,400	25,600	16,400	2,100	9,100
Bellary ..	173,100	97,200	120	170	18,000	18,120	18,770	18,770	4,600	3,500
Anantapur ..	78,350	48,600	1,100	290	24,300	30,550	25,400	30,840	43,600	50,100
Cuddapah ..	89,000	65,800	16,700	20,200	29,800	31,000	46,500	51,200	53,000	36,250
Nellore ..	119,500	101,100	42,200	54,500	6,250	4,500	48,450	59,900	48,000	54,800
Chingleput ..	2,760	2,590	1,300	1,850	3,200	3,050	4,500	4,700	35,400	30,400
South Arcot ..	17,700	16,200	5,600	6,000	39,100	19,700	44,700	23,700	61,400	44,100
Chittoor ..	17,800	12,500	8,300	9,000	43,000	48,400	51,300	48,700	55,250	55,250
North Arcot ..	19,200	16,450	6,100	2,800	33,000	25,800	44,100	28,600	58,100	42,500
Salem ..	49,500	52,100	18,800	21,750	97,200	91,800	115,800	112,550	29,750	18,400
Coimbatore ..	224,500	152,800	25,200	22,450	67,900	61,900	63,100	48,350	90,300	58,000
Trichinopoly ..	71,200	50,100	11,300	11,300	48,900	75,400	60,200	37,500	37,500	17,700
Tanjore ..	9,270	7,320	430	470	3,400	1,800	3,330	2,270	9,100	8,350
Madura ..	105,950	87,350	5,800	6,900	10,200	11,000	16,000	11,000	41,400	38,200
Ramnad ..	33,400	31,250	4,900	2,600	29,800	20,600	34,700	23,200	42,700	30,200
Tinnevely ..	56,600	58,300	3,700	1,400	39,800	29,950	43,500	31,350	27,200	17,700
Malabar ..	..	..	..	..	..	..	..	..	..	..
South Kanara ..	..	..	..	..	..	..	..	..	..	..
The Nilgiris ..	..	..	..	..	..	..	..	..	..	..
Total ..	1,570,170	1,211,230	166,130	168,250	637,250	615,110	853,400	783,380	727,310	612,550

(1) Rice is 87 per cent of paddy by weight. (2) The figures in columns (2) to (5) and (8) to (33) relate to unhusked grains.

Total produce of the principal crops in 1926-27, as compared with the normal—cont.

District.	Ragi unirrigated.		Total ragi.		Korra.		Varagu.		Samai.	
	Normal. (22)	1926-27. (23)	Normal. (24)	1926-27. (25)	Normal. (26)	1926-27. (27)	Normal. (28)	1926-27. (29)	Normal. (30)	1926-27. (31)
	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.	TONS.
Ganjam ..	59,400	40,550	88,900	76,600	6,700	1,000	1,100	6,700	5,650	5,650
Vizagapatam ..	115,800	139,500	161,800	196,600	5,300	4,500	4,300	2,150	27,900	34,250
Godavari, East ..	12,000	8,000	15,500	8,840	2,600	1,550	1,600	1,800	2,600	2,000
Do. West ..	2,300	1,500	3,600	1,720	1,150	310	1,200	470	620	430
Kistna ..	3,850	1,300	4,610	1,890	910	1,100	3,400	1,350	10	..
Guntur ..	5,900	3,200	16,800	7,800	24,100	22,600	2,400	920	..	..
Kurnool ..	2,000	1,100	18,400	10,200	62,000	57,900	23,400	17,200	210	2,450
Bellary ..	4,500	4,100	9,100	7,700	78,100	52,500	330	310	2,900	3,100
Anantapur ..	10,450	7,100	41,050	57,200	38,850	35,600	7,000	8,500	12,500	19,550
Cuddapah ..	2,600	1,800	55,600	33,050	12,700	13,350	7,200	5,450	360	490
Nellore ..	4,300	2,300	52,300	57,100	3,900	4,850	22,800	12,250	210	230
Chingleput ..	5,400	5,600	40,800	36,000	180	360	12,750	11,300	10	10
South Arcot ..	14,000	8,700	64,400	50,800	7,450	4,000	94,000	97,250	670	570
Chittoor ..	26,100	22,400	72,800	77,550	1,200	1,850	5,100	6,000	2,400	3,400
North Arcot ..	19,300	16,300	77,400	58,800	640	500	39,100	30,950	6,800	8,

Total produce of the principal crops in 1926-27 as compared with the normal—cont.

District.	Cotton irrigated (c).		Cotton unirrigated (c).		Total cotton.	
	Normal. (62)	1926-27. (63)	Normal. (64)	1926-27. (65)	Normal. (66)	1926-27. (67)
	BALES.	BALES.	BALES.	BALES.	BALES.	BALES.
Ganjam ..	..	..	280	150	380	150
Vizagapatam ..	..	..	2,900	2,300	2,900	2,300
Godavari, East ..	..	..	1,700	1,600	1,700	1,600
Do. West ..	..	..	150	200	150	200
Kistna ..	..	..	8,050	6,100	8,050	6,100
Guntur ..	..	..	24,400	15,700	24,400	15,700
Kurnool ..	(d)	..	37,500	21,300	37,500	21,300
Bellary ..	..	..	62,500	34,000	62,500	34,000
Anantapur ..	..	..	18,100	13,000	18,100	13,000
Cuddapah ..	..	..	10,250	4,200	10,250	4,200
Nellore ..	..	..	5,600	3,900	5,600	3,900
Chingleput ..	..	..	..	..	..	..
South Arcot ..	..	20	490	110	490	130
Chittoor ..	60	70	100	30	160	100
North Arcot ..	310	80	110	180	420	260
Salem ..	3,400	8,100	2,700	6,800	6,100	12,900
Coimbatore ..	62,500	(e) 51,900	35,400	32,900	97,900	84,800
Trichinopoly ..	4,500	5,800	4,600	4,450	9,100	10,250
Tanjore ..	..	..	280	140	280	140
Madura ..	11,300	12,600	32,200	30,300	43,500	42,900
Ramnad ..	14,400	11,900	68,200	50,800	82,600	62,700
Tinnevely ..	4,100	5,500	67,700	63,600	71,800	69,100
Malabar ..	..	..	60	60	60	60
South Kanara ..	..	..	30	30	30	30
The Nilgiris ..	..	..	..	..	..	..
Total ..	100,570	93,970	383,400	291,840	483,970	385,810

(c) Figures are in bales of 400 lb. lint and not in tons. (d) There is a small extent under irrigation in these districts but the yield does not differ much from that of the unirrigated variety. The yield of the irrigated areas is therefore included in columns (64) and (65). (e) Includes an estimated yield of 5,250 bales of irrigated Karunganni.

NOTE.—(1) The estimated yield of cotton in Banganapalle and Pudukkottai was 2,300 bales and 200 bales respectively in 1926-normal yield being 3,750 bales and 160 bales respectively.

(2) The yield of the unirrigated cottons by varieties in the southern half of the Presidency in 1926-27 is given below in bales of 400 lb. lint—

Variety.	Chingleput.	South Arcot.	Chittoor.	North Arcot.	Salem.	Coimbatore.	Trichinopoly.	Tanjore.	Madura.	Ramnad.	Tinnevely.	Malabar.	South Kanara.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Cambodia ..	..	40	20	180	6,650	7,050	2,350	..	8,700	900	500	60	50
Uppam ..	..	70	10	..	150	(b) 25,150	1,900	140	..	..	..	..	..
Nadam and Bourbon.	..	..	..	..	..	700	200	..	..	..	..	..	..
Tinnevelies (a) ..	..	..	..	..	..	..	..	..	21,600	49,900	63,100	..	..

(a) Includes uppam, karunganni and mixed country cotton in Madura, Ramnad, and Tinnevely.

(b) Includes 21,050 bales of karunganni.

(3) The yield by varieties in the Madras Presidency, including Banganapalle and Pudukkottai, is given below:—

Particulars.	Tinnevelies.	Cambodia.	Uppam.	Nadam and Bourbon.	Northerns and westerns.	Coimbatore.	Others.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1926-27 ..	BALES. 134,610	BALES. 115,190	(c) 32,870	BALES. 900	BALES. 74,800	BALES. 27,550	BALES. 2,450	BALES. 385,310
Normal ..	142,600	139,070	28,490	1,840	132,100	39,900	3,280	487,860

(c) Includes 26,300 bales of karunganni in Coimbatore.

APPENDIX XII

Harvest prices per Imperial maund of 82½ lb. of the principal foodgrains in 1926-27 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.

District.	Rice.		Cholam.		Cumbu.		Ragi.		District.
	1925-26. (2)	1926-27. (3)	1925-26. (4)	1926-27. (5)	1925-26. (6)	1926-27. (7)	1925-26. (8)	1926-27. (9)	
	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	
Ganjam ..	6 11	6 8	..	..	3 11	4 5	3 3	3 14	Ganjam.
Vizagapatam ..	6 11	6 13	..	..	..	..	3 3	4 0	Vizagapatam.
Godavari, East ..	6 6	7 0	4 5	4 3	..	..	3 6	3 11	Godavari, East.
Do. West ..	6 5	6 14	4 11	5 3	..	..	3 8	4 0	Do. West.
Kistna ..	6 5	7 6	4 11	5 0	..	..	3 10	4 0	Kistna.
Guntur ..	6 11	7 2	4 2	4 6	4 8	4 11	..	..	Guntur.
Kurnool ..	7 2	7 6	3 3	3 11	4 8	4 13	..	..	Kurnool.
Bellary ..	7 5	8 0	4 2	4 8	..	..	..	..	Bellary.
Anantapur ..	6 11	7 5	3 13	4 0	5 11	3 13	3 11	3 5	Anantapur.
Cuddapah ..	8 5	7 13	3 6	4 0	4 0	3 5	3 10	4 11	Cuddapah.
Nellore ..	6 11	7 0	4 5	4 10	4 3	5 0	3 11	4 3	Nellore.
Chingleput ..	6 3	7 5	..	..	4 6	5 0	..	..	Chingleput.
South Arcot ..	6 8	7 7	..	..	5 2	5 2	4 11	4 14	South Arcot.
Chittoor ..	6 8	7 2	..	..	3 11	2 11	3 11	3 8	Chittoor.
North Arcot ..	7 8	7 6	..	..	4 11	4 14	4 11	4 13	North Arcot.
Salem ..	8 5	8 5	4 14	5 2	4 13	4 8	4 6	4 6	Salem.
Coimbatore ..	7 11	8 0	5 13	5 5	4 14	5 5	5 5	5 6	Coimbatore.
Trichinopoly ..	8 8	8 3	4 14	5 2	6 0	5 5	5 2	5 0	Trichinopoly.
Tanjore ..	7 11	7 0	..	..	5 3	4 14	..	..	Tanjore.
Madura ..	7 8	7 5	5 2	5 2	6 2	5 11	4 11	4 13	Madura.
Ramnad ..	8 0	8 0	4 8	4 8	6 3	5 10	4 11	4 2	Ramnad.
Tinnevely ..	7 5	7 2	4 11	4 3	5 2	5 13	4 0	4 6	Tinnevely.
Malabar ..	7 2	7 0	..	..	..	..	..	..	Malabar.
South Kanara ..	7 5	6 11	..	..	..	..	..	..	South Kanara.
The Nilgiris ..	8 14	8 0	..	..	..	..	6 0	5 10	The Nilgiris.

NOTE.—Blanks in the statement mean that the crop is not an important food-grain in the district.

APPENDIX XIII.

Number of live-stock, ploughs, and carts in each district in the Madras Presidency as ascertained by a census held in October 1924.

District.	Oxen.					Buffaloes.		
	Breed- ing bulls.	Other bulls.	Bullocks.	Cows.	Young stock (calves).	Male buffaloes.	Cow buffaloes.	Young stock (buffalo calves).
(1)	(2-a)	(2-b)	(3)	(4)	(5)	(6)	(7)	(8)
Ganjam ..	6,992	44,112	277,648	280,868	159,810	109,335	66,231	41,260
Vizagapatam ..	2,130	206,292	450,292	456,693	249,097	219,349	183,394	124,363
Godavari, East ..	1,008	107,634	190,634	227,415	163,682	50,319	122,103	81,684
Do. West ..	811	123,008	70,808	151,601	118,322	58,165	111,540	181,571
Kistna ..	2,774	83,913	106,077	140,845	96,054	86,799	171,694	154,418
Guntur ..	2,991	114,353	127,436	156,549	107,536	71,160	312,273	260,364
Kurnool ..	1,121	63,539	113,174	88,748	64,338	18,816	70,167	100,815
Bellary ..	5,346	91,236	116,634	88,388	72,082	10,865	10,865	46,733
Anantapur ..	1,235	103,603	108,562	117,904	80,759	18,266	69,332	46,054
Cuddapah ..	1,691	64,200	88,465	77,576	50,792	28,723	142,236	82,445
Nellore ..	1,971	101,243	161,441	212,544	109,161	77,694	218,833	149,069
Chingleput ..	2,071	86,055	193,237	191,598	125,245	68,129	80,243	53,708
Madras ..	88	617	2,951	3,320	2,146	219	3,025	928
South Arcot ..	3,013	114,003	281,217	328,804	219,112	48,369	73,781	44,817
Chittoor ..	3,667	93,134	213,529	261,232	148,772	27,777	76,288	37,059
North Arcot ..	3,242	74,375	314,874	328,282	175,490	46,969	75,203	54,092
Salem ..	2,591	142,939	230,632	500,301	201,449	11,410	71,584	42,481
Coimbatore ..	4,315	83,831	363,941	344,584	211,867	9,453	94,698	59,342
Trichinopoly ..	2,763	69,256	294,244	256,204	133,950	20,953	107,218	70,339
Tanjore ..	2,304	16,749	379,026	277,946	173,063	61,246	115,487	52,374
Madura ..	6,613	104,529	253,369	280,030	162,498	21,915	75,448	47,156
Ramnad ..	2,742	79,078	191,116	149,237	87,096	16,236	50,994	48,431
Tinnevely ..	1,479	57,935	221,385	126,505	89,169	23,767	77,500	45,414
Malabar ..	1,355	24,785	214,531	303,539	220,870	132,457	37,720	21,567
South Kanara ..	385	82,969	121,970	177,665	153,826	158,360	33,494	18,817
The Nilgiris ..	620	747	5,334	16,918	7,941	2,911	11,986	4,971
Grand Total ..	65,663	2,133,532	5,122,275	5,547,857	3,382,719	1,387,078	2,601,073	1,870,272

District.	Sheep.	Goats.	Horses and Ponies.		Young stock (colts and fillies).	Mules.	Donkeys.	Camels.	Ploughs.	Carts.	Number of cattle per hundred of population (c).
			Horses.	Mares.							
(1)	(2)	(3)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Ganjam ..	148,393	141,836	1,204	215	104	48	631	..	190,690	53,298	4.45
Vizagapatam ..	522,323	346,046	2,206	1,153	404	181	1,179	..	379,149	87,892	59
Godavari, East ..	46,333	112,734	2,352	308	122	22	305	..	154,016	41,629	56
Do. West ..	70,585	96,919	1,249	759	86	2	444	(b) 14	113,163	34,613	78
Kistna ..	184,943	175,957	1,061	376	152	..	850	..	96,307	48,181	76
Guntur ..	424,239	264,200	1,220	512	193	12	2,311	..	125,400	83,998	64
Kurnool ..	424,827	301,434	1,084	608	210	1	10,169	(a) 2	94,517	46,816	66
Bellary ..	230,368	259,639	1,876	547	170	26	5,048	..	79,767	37,931	58
Anantapur ..	798,248	378,812	1,556	522	146	12	13,537	..	101,487	36,722	57
Cuddapah ..	536,332	321,975	291	109	21	1	8,426	..	79,448	39,920	60
Nellore ..	870,784	454,736	618	370	116	57	5,896	(b) 3	136,083	48,575	74
Chingleput ..	262,533	216,175	792	370	47	78	2,698	..	148,996	39,298	54
Madras ..	417	413	1,196	263	28	..	83	..	139	2,630	3
South Arcot ..	408,697	421,125	540	353	51	5	2,069	..	271,143	56,285	48
Chittoor ..	672,632	493,859	378	317	130	..	4,763	..	133,553	26,963	68
North Arcot ..	643,995	317,708	743	476	110	..	4,768	..	241,110	37,198	54
Salem ..	734,310	597,098	2,185	825	220	15	6,113	..	279,355	32,696	67
Coimbatore ..	867,955	525,066	1,480	1,429	296	3	14,819	..	242,034	76,986	53
Trichinopoly ..	860,011	672,891	723	605	135	22	2,215	(c) 2	232,854	45,857	60

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APPENDIX XIV.

Glossary of Botanical, English and Vernacular names of crops.

Botanical.	English.	Tamil.	Telugu.
<i>Oryza sativa</i> ...	Paddy ...	Nellu ...	Vadlu.
<i>Sorghum vulgare</i> ...	Cholam ...	Cholam ...	Jonnalu.
<i>Pennisetum typhoides</i> ...	Bulrush or Spiked millet.	Cumbu ...	Sajjalu or Gantelu.
<i>Eleusine coracana</i> ...	Ragi ...	Kelvaragu or Ragi.	Ragulu or Chodulu.
<i>Setaria italica</i> ...	Italian Millet ...	Tenai ...	Korralu.
<i>Paspalum scrobiculatum</i> ...	Kodo Millet ...	Varagu ...	Arikelu.
<i>Panicum miliare</i> ...	Samai ...	Shamai ...	Samulu.
<i>Panicum miliaceum</i> ...	Common Millet ...	Panivaragu or kadaikanni.	Varigalu or Barigalu.
<i>Panicum crusgalli</i> var	Sanwa Millet ...	Kudiraivali ...	Oodalu.
<i>Frumentaceum.</i>			
<i>Zea mays</i> ...	Maize ...	Makka cholam or Thulukka cholam.	Mokka Jonnalu.
<i>Triticum spp.</i> ...	Wheat ...	Godumai ...	Godumalu.
<i>Hordeum vulgare</i> ...	Barley ...		
<i>Phaseolus mungo</i> ...	Greengram ...	Paçcapayiru ...	Pesalu, Paçcapesalu.
<i>Cajanus indicus</i> ...	Redgram ...	Tuvarai ...	Kandulu.
<i>Phaseolus radiatus</i> ...	Blackgram ...	Ulundu ...	Minumulu.
<i>Cicer arietinum</i> ...	Bengalgram ...	Kadalai ...	Sanagulu.
<i>Dolichos biflorus</i> ...	Horsegram ...	Kollu or Kanam ...	Ulavalu.
<i>Dolichos lablab</i> ...	Field bean ...	Mochai ...	Anumulu.
<i>Phaseolus aconitifolius</i> ...	Dew gram ...	Naripayaru, Kallu-payaru, Tullik-kapayaru.	Mittikelu.
<i>Pigna catieng</i> ...	Cow gram; cow pea.	Karamani, Tatta-payaru.	Alasandulu, Bobbarlu.
<i>Capsicum annum</i> ...	Chillies ...	Milagai ...	Mirapakayalu.
<i>Coriandrum sativum</i> ...	Coriander ...	Kothumalli ...	Dhaniyalu or Kottumeri.
<i>Peper nigrum</i> ...	Pepper ...	Milagu ...	Miriyalu.
<i>Curcuma longa</i> ...	Turmeric ...	Manjal ...	Pasupu.
<i>Allium sativum</i> ...	Garlic ...	Vellaipundu ...	Tellagadda or Velluli.
<i>Zingiber officinale</i> ...	Ginger ...	Inji ...	Allam.
<i>Carum copticum</i> ...	Omum; Bishop's weed.	Omum ...	Omamu.
<i>Saccharum officinarum</i> ...	Sugarcane ...	Karumbu ...	Cheruku.
<i>Mangifera indica</i> ...	Mangoes ...	Mambazham ...	Mamidipandu.
<i>Musa sapientum</i> ...	Plantains ...	Vazhaipazham ...	Aratipandu.
<i>Allium cepa</i> ...	Onions ...	Vengayam ...	Ulligadda.
<i>Solanum tuberosum</i> ...	Potato ...	Urulaikkizhangu.	Urula gadda.
<i>Arachis hypogea</i> ...	Groundnut ...	Verkadalai or Nilakkadalai.	Versanagalu or Nelasana-galu.
<i>Sesamum indicum</i> ...	Gingelly ...	Ellu ...	Nuvvulu.
<i>Ricinus communis</i> ...	Castor ...	Amanakku or Kottaimuthu.	Amudalu.
<i>Cocos nucifera</i> ...	Coconut ...	Thengai ...	Tenkaya.
<i>Linum usitatissimum</i> ...	Linseed ...	Alivirai ...	Avisi.
<i>Brassica spp.</i> ...	Rape and mustard.		
<i>Guizotia abyssinica</i> ...	Niger seed ...	Peyellu, Uchehellu	Verrinuvvulu, Valirellu, Ojurellu.
<i>Carthamus tinctorius</i> ...	Safflower ...	Kasambavirai ...	Kusumbalu.
<i>Gossypium spp.</i> ...	Cotton ...	Paruthi ...	Paruthi.
<i>Crotolaria juncea</i> ...	Sunnhemp ...	Sanappu or Shanai	Janumu.
<i>Hibiscus cannabinus</i> ...	Bombay hemp ...	Pulicchai or ruli-madi.	Gogu.
<i>Corchorus spp.</i> ...	Jute ...		
<i>Indigofera sumatrana</i> ...	Indigo ...	Ayari or Nili ...	Nili.
<i>Nicotiana tabacum</i> ...	Tobacco ...	Pugaiyalai ...	Pogaku.
<i>Areca catechu</i> ...	Arecanut ...	Pakku ...	Vakka.
<i>Coffea arabica</i> ...	Coffee ...		
<i>Camellia thea</i> ...	Tea ...		
<i>Piper betel</i> ...	Betel vine ...	Vettila ...	Tamalapakulu.
<i>Cannabis sativa</i> ...	India hemp ...	Ganja ...	Ganjava or Ganja or Bangiku.
<i>Cassia angustifolia</i> ...	Senna ...	Surat Nilavira or Nilavakai.	Nelatangedu.
<i>Hevea brasiliensis</i> ...	Rubber ...		

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