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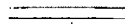
Season & Crop Report

of the

Central Provinces & Berar

for the year ending the

31st May 1938



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SEASON AND CROP REPORT OF THE CENTRAL PROVINCES AND BERAR FOR THE YEAR ENDING THE 31ST MAY 1938

[NOTE.—Figures within square brackets represent the corresponding figure of the previous year.]

The area to which these returns relate covers all villages which have been surveyed for land records purposes and is 37,994,007 acres in the Central Provinces and 11,378,301 acres in Berar. These areas together show a slight increase of 2,627 acres and call for no explanation.

I.—CHARACTER AND PROGRESS OF THE SEASON

2. Light to moderate showers of rain received in the third week of June were preliminary to the regular monsoon which set in at the end of the month. At the outset the current was weak but became active in the second week of July giving fairly heavy and continuous rain throughout the province. At the end of the month the rainfall was generally sufficient in the rice country but somewhat in excess of the requirements in the rest of the province.

3. Although sowings of cotton and rice were started a little late they were almost completed in time but those of juar and other kharif crops were held up particularly in heavier soils owing to continuous rain. Germination was on the whole successful though some resowing of cotton and juar was necessary in parts of the Nagpur country and in Berar owing to excessive rain. The necessity of a long break with sunshine was then urgently needed in the cotton country to facilitate weeding and inter-cultural operations which were held up and to improve the growth of plants in general. The desired break with bright sunshine set in in the second week of August and lasted for a fortnight. Thereafter the disturbances caused by the Bay depression gave fairly heavy rain in the north and east of the province, while in Berar only occasional light showers were received. The high floods in the Mahanadi and its tributaries damaged the crops in the riverain villages and caused some loss of live-stock and property in Raipur and Bilaspur districts. The standing crops in the north and east of the province were generally in good condition, while in the cotton country

the excessive rain hampered weeding and intercultural operations, allowed weeds and other rank vegetation to grow luxuriantly which damaged the standing crops to some extent, especially in low-lying and water-logged areas. The break which commenced in the second week of August, however, improved the situation and helped to regain much of the lost ground. Intercultural and weeding operations were pushed through and the sowing of juar was completed. Resowing, where necessary, was done and the crops in heavy soils which had suffered much were improving. Transplantation and thinning of rice were nearing completion. On the whole the outlook of all standing crops at this stage was satisfactory.

4. Early in September, the monsoon grew stronger giving moderate to heavy rain all over the province. Thereafter, till the end of the month, there were light to moderate showers followed by sunny intervals. These proved beneficial and stimulated the growth of crops. The standing kharif crops were so far in fairly good condition and an average harvest was anticipated though some more rain was needed in the rice districts of Chhattisgarh. Preparation of land for rabi sowings was in progress.

5. A depression which moved in from the Arabian sea in the first week of October gave widespread and timely rain in all the districts. Thereafter the weather was seasonable except on the last two days of the month when it turned cloudy with light to moderate showers of rain accompanied by light hail in parts of several districts. This rain, though it caused some shedding of cotton buds and bolls, proved beneficial to late rice and facilitated the tilling of land for rabi. Sowing of rabi crops and harvesting of early rice, groundnut and minor kharif crops were in progress. Picking of cotton commenced at places.

6. November and the first fortnight of December were practically rainless. Scattered showers of rain were received in the latter half of December in all districts except Saugor, Jubbulpore, Mandla, Drug, Raipur and Bilaspur. A cold wave also passed over the province towards the end of November and in the beginning of December, which caused some damage to cotton, juar, tur and garden crops in the plateau districts and the cotton country. The condition of growing rabi was satisfactory but winter showers were urgently needed to improve their condition particularly on light soils. Picking of cotton and harvesting of other kharif crops were in progress.

7. In January and February the weather was generally cool with occasional passing clouds. Light to moderate showers of rain accompanied by light hail fell in several districts and caused slight damage to rabi crops. Cold winds also caused some further damage to late sown wheat, gram and linseed in low-lying and river-ain tracts of Jubbulpore and to rabi pulses in parts of Saugor, Mandla and Hoshangabad districts. The western disturbances during the hot weather months brought light to moderate showers of rain at intervals which caused some further damage to wheat, gram and garden crops.

8. In short, the excessive rainfall of the early monsoon proved unfavourable to kharif crops except rice, while inadequate winter rain coupled with frost and cold reduced the outturn of rabi. Rust and insect pests contributed their share to the general loss. In the Central Provinces the total outturn of crops as given by district officers stood at 85 per cent [88 per cent] of the average yield, while in Berar it was 75 per cent [71 per cent].

9. The rainfall during the year for the Central Provinces as a whole was 57.40 inches as compared with the 70 years' average of 49.17 inches. For Berar, it was 41.09 inches against the average of 34.70 inches. The rainfall was in excess by 9 to 47 per cent of the average in all districts except Seoni sub-division (Chhindwara) and Chanda where it was in deficit by 6 and 24 per cent, respectively. The excess was abnormal in Nimar (+34 per cent), Betul (+40 per cent), Drug (+47 per cent) and Akola (+41 per cent).

II.—AREA OCCUPIED FOR CULTIVATION

10. Statements II-A and II-B.—The areas occupied for cultivation in each division since 1932-33 are compared in the sub-joined table :—

Division	Thousands of acres					
	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Jubbulpore ..	7,840	7,828	7,801	7,785	7,790	7,800
Nagpur ..	7,792	7,795	7,798	7,800	7,806	7,813
Chhattisgarh ..	8,282	8,291	7,965	7,966	7,973	7,981
Total for the Central Provinces.	23,914	23,914	23,564	23,551	23,569	23,594
Berar ..	8,317	8,317	8,317	8,324	8,328	8,335
Total for the Central Provinces and Berar.	32,231	32,231	31,881	31,875	31,897	31,929

The total occupied area of the province again increased by 32,383 acres. All divisions show a steady upward trend since 1935-36.

11. Area under crop.—The table below shows by divisions the areas under crop in each year since 1932-33 :—

Division	Thousands of acres					
	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Jubbulpore ..	5,478	5,628	5,508	5,504	5,628	5,610
Nagpur ..	5,812	5,917	5,888	5,808	5,847	5,786
Chhattisgarh ..	6,678	6,819	6,376	6,400	6,539	6,563
Total for the Central Provinces.	17,958	18,364	17,772	17,712	18,014	17,959
Berar ..	6,598	6,624	6,659	6,589	6,580	6,579
Total for the Central Provinces and Berar.	24,566	24,988	24,431	24,301	24,594	24,538

The net cropped area in the Central Provinces and Berar declined by 56,291 acres—Central Provinces 54,871 acres, and Berar 1,420 acres. The position in different divisions as compared to the previous year is shown below :—

	1936-37	1937-38
	Acres	Acres
Jubbulpore ..	+124,000	-18,000
Nagpur ..	+33,000	-61,000
Chhattisgarh ..	+140,000	+24,000
Berar ..	-9,000	-1,000

The shrinkage is shared by all the districts of Jubbulpore, Nagpur and Berar divisions except Saugor, Chanda and Yeotmal, and is mainly due to adverse climatic conditions and to the continued slump in prices.

12. Current and old fallows.—Following the decrease in the net cropped area, the area under current fallow increased by 58,797 acres for the province as a whole. The total area out of cultivation but included in holdings (old fallow) also expanded by 29,697 acres. The variations in the current and old fallows in each division are detailed below :—

	Current fallow	Old fallow
	Acres	Acres
Jubbulpore ..	+31,786	-4,232
Nagpur ..	+50,144	+16,795
Chhattisgarh ..	-32,384	+17,113
Berar ..	+9,251	+21

13. **Double cropping.**—Double cropping in the Central Provinces shows a falling off by 219,582 acres or 7.5 per cent. The decrease was shared by all districts except Nimar, Betul, Wardha and Nagpur. The whole of Chhattisgarh division where double cropping is of much importance, showed a fall of 137,487 acres and in Saugor and Mandla there was a substantial decrease of 36,602 and 34,248 acres, respectively. Scanty rainfall of the late monsoon left insufficient moisture in the soil for a second crop.

III.—CROPPED AREA OF THE YEAR

14. **Statement III-A—Kharif area.**—The area sown with kharif crops in the Central Provinces and Berar fell by 513,996 acres or 3 per cent. Only in the Chhattisgarh division and in Yeotmal district has the area expanded by 53,835 acres and 30,976 acres, respectively, while in the rest of the province it contracted by 598,807 acres. The excessive rain in July and August restricted the sowings of kharif crops, particularly juar in the low-lying and water-logged areas which had subsequently to be ploughed up and devoted to rabi crops.

15. **Rice.**—The area under rice in the Central Provinces and Berar together stood at 5,763,539 acres, an increase of 79,660 acres or 1.4 per cent over the previous year. This is the peak year since 1899-1900. The steady expansion under rice cultivation is on account of favoured seasons and a slight rise in prices.

16. **Juar.**—Juar (kharif and rabi) and juar-tur occupied an area of 4,358,519 acres in the Central Provinces and Berar and was short by 431,902 acres or 9 per cent. The area under this crop fluctuates from year to year following climatic and economic conditions.

17. **Cotton.**—In the Central Provinces the area sown with cotton and its mixtures fell from 1,375,646 acres to 1,307,961 acres or 5 per cent, while in Berar it rose from 2,712,636 to 2,865,607 acres or nearly 6 per cent. The shrinkage in the Central Provinces proper mainly occurs in Wardha and Nagpur districts where the damaged areas were ploughed up and sown with rabi.

18. **Til.**—The small increase of 16,427 acres or 3.5 per cent over last year is attributed to favourable sowing conditions and better prices.

19. **Rabi area.**—Consequent on the fall in kharif area, the rabi area both in the Central Provinces and Berar rose by 249,650 acres or 3 per cent, *i.e.*, nearly half the decline in kharif area was made up by rabi. The increase is shared by all the divisions except Chhattisgarh where the abrupt cessation of the late monsoon restricted double cropping. The percentage of variation in the different divisions was as follows :—

Divisions	Above (+) or below (—) the area of 1936-37	Above (+) or below (—) the average of the five years ending 1935-36
	Per cent	Per cent
Jubbulpore ..	+2	+4
Nagpur ..	+11	+2
Chhattisgarh ..	—5	..
Berar ..	+23	+1

20. **Wheat and wheat-gram.**—The area placed under wheat and wheat-gram (birra) amounted to 3,624,339 acres or 226,310 acres (6.6 per cent) greater than in the previous year. All the districts except Jubbulpore and Balaghat shared in the expansion which is most marked in Hoshangabad and in the districts of Nagpur and Berar divisions.

21. **Linseed and linseed-gram.**—The area under linseed and linseed-gram again rose this year from 1,203,131 acres to 1,312,228 acres or 9 per cent. The decrease of 43,173 acres in the Chhattisgarh districts was more than counterbalanced by increases in all other districts. The increase which is chiefly under the drilled variety (single crop) is at the expense of cotton and juar being a money crop.

IV.—IRRIGATED AREA OF THE YEAR

22. The area irrigated in the province increased by 215,125 acres or 20 per cent over last year. All districts contributed towards the increase except Jubbulpore, Mandla, Nimar, Akola, Amraoti and Yeotmal where irrigation is unimportant. The increase is noteworthy in all the rice districts, particularly Bilaspur (+93,171 acres). The abrupt cessation of the late monsoon necessitated artificial watering on a large scale.

V.—OUTTURN PER ACRE AND PRODUCE

23. **Statement V—Autumn crops—Rice** (*Standard outturn 648 lb. per acre of cleaned produce*).—Seasonal conditions were favourable to rice till September, but the abrupt cessation of rain thereafter affected the outturn adversely, especially of the late variety. Insects also caused some damage in parts of Mandla, Balaghat, Drug and Bilaspur districts. In Saugor, Nagpur, Bhandara, Drug and Bilaspur the outturn was a little below the normal, while in the remaining districts it ranged from 10 annas in Mandla to 12 annas in Chanda and Raipur. For the province as a whole the outturn was 12.3 annas or 92.2 per cent of the normal [14.4 annas or 108 per cent] and the yield was 1,568,400 tons [1,780,600 tons].

24. **Juar** (*Standard outturn 646 lb. per acre*).—The heavy and persistent rain till the beginning of August stunted the growth of kharif juar, particularly in heavy soils. The clear weather that supervened followed by timely rain in early September improved the condition considerably but the rain accompanied by light hail towards the end of October and severe cold in November gave a set back and affected the outturn of the crop. Lack of adequate moisture in the soil coupled with the absence of timely winter showers reduced the outturn of the rabi variety. Insects also did some damage to the crop. The total outturn for the whole province worked out to 11.7 annas or 87.8 per cent [10 annas or 75 per cent] of the normal.

25. **Cotton** (*Standard outturn 102 lb. of cleaned cotton per acre*).—Cotton suffered more than juar from the heavy and persistent rainfall of the early monsoon, especially in low-lying and water-logged areas. The unseasonable rain accompanied by hail in parts of several districts towards the end of October caused shedding of buds and bolls. Absence of adequate dew and cold in November has further affected the crop adversely in the important cotton growing districts. For the Central Provinces and Berar together the harvest averaged 9.2 annas or 69 per cent [10.4 annas or 78 per cent] with a yield of 727,200 bales [805,100 bales]. The total arrivals including ginned cotton in the markets were 889,968 cart-loads or approximately 741,600 bales. Excluding 34,097 cart-loads or 28,414 bales of cotton from outside the province, the net arrivals stood at 855,871 cart-loads or 713,186 bales as against 753,846 bales pressed.

26. Tur (*Standard outturn 400 lb. per acre*).—Tur also suffered equally with cotton on account of cloudy weather and untimely rain when the crop was in flower. For the province as a whole the outturn was returned at 10.4 annas or 78 per cent [8.4 annas or 63 per cent]—an increase of 15 per cent.

27. Til (*Standard outturn 210 lb. per acre*).—Like cotton and juar, til also suffered to a varying degree by the inclement weather. In Bhandara, Raipur and Bilaspur the outturn was either normal or a little below it, while in the remaining districts it varied from 9.4 annas to 12 annas. For both kharif and rabi til the provincial outturn averaged 11.4 annas or 85.5 per cent [11.3 annas or 84.8 per cent].

28. Kodon-kutki (*Standard outturn 520 lb. per acre*).—These crops are extensively grown in the backward tracts of Betul and Chhindwara districts and in Jubbulpore and Chhattisgarh divisions. The climatic condition had a varying effect on the crop and the outturn worked out to 11.4 annas or 85.5 per cent [12.1 annas or 90.7 per cent].

29. Wheat (*Standard outturn 548 lb. per acre*).—Sowings were made under favourable conditions but some resowing was necessary in places in the Nagpur division and Akola district owing to rain soon after sowing. Untimely rain, hail, cold wind and frost, particularly in the northern and plateau districts, affected the outturn of the crop. The outturn varied from 9 to 12 annas in the important wheat growing districts of Jubbulpore and Nagpur divisions. The provincial outturn worked out to 10.8 annas or 81 per cent [10.4 annas or 78 per cent] with a yield of 672,800 tons [599,600 tons].

30. Gram (*Standard outturn 534 lb. per acre*).—Gram also did not fare well for the reasons given in the preceding paragraph. The provincial outturn worked out at 10.4 annas or 78 per cent [9.9 annas or 74.3 per cent].

31. Linseed.—Sowings were made under favourable conditions and germination was mostly successful. The crop suffered but to a less extent than wheat from cloudy weather, untimely rain, hail and cold winds. Absence of winter showers particularly in the Chhattisgarh districts where the crop is important reduced the

outturn. The combined outturn for the Central Provinces and Berar worked out to 11.2 annas or 84 per cent [10.4 annas or 78 per cent].

32. Yield of the year.—Columns 26 and 27 of statement V show how the total production of each district in 1937-38 and 1936-37 compares with the normal outturn (represented by 100) on a normal area. The rice districts of Chanda, Bhandara, Drug and Bilaspur had the production figure of nearly normal while in the remaining districts it was 73 to 91 per cent. The provincial yield was 83 per cent, the same as in previous year.

33. Comparison of outturns as given in statement V with those reported in forecasts.—Forecasts are published for the following crops:—

- | | |
|---------------|----------------------|
| 1. Rice. | 6. Wheat. |
| 2. Til. | 7. Linseed. |
| 3. Juar. | 8. Castor. |
| 4. Cotton. | 9. Rape and mustard. |
| 5. Sugarcane. | 10. Groundnut. |

The quantitative yields in tons as reported in the forecasts except castor, rape and mustard and groundnut are entered at the foot of statement V and are compared with the yield arrived at by applying the accepted standard outturns per acre to the actual areas modified by the percentages of the year. The latter yields having been calculated on actual areas, differ slightly from those reported in the final forecasts which are issued before the actual measurements of areas are completed.

VI.—PRICES, TRADE AND STOCK

34. During the year the wholesale prices of rice, cotton, wheat, gram, til and linseed fell by 7, 27, 20, 8, 8 and 23 per cent, respectively, while the average price of juar rose by 3 per cent. The average retail rate per rupee of rice was 11.9 seers [12.1 seers], of juar 16.0 seers [17.1 seers], of kodon-kutki 16.8 seers [18.5 seers], of wheat 12.7 seers [10.1 seers], of gram 13.8 seers [12.9 seers], of til 7.5 seers [6.5 seers], and of linseed 9.3 seers [7.8 seers].

The following table compares the prices of cotton prevailing in the important cotton growing districts of the province during the year under report with those of

previous year and the averages of the preceding five years :—

District	Price per bale of 392 lb.			Variation	
	Average of the five years ended 1935-36	In 1936-37	In 1937-38	As compared with the average in column (2)	As compared with the prices in 1936-37
	Rs. a.	Rs. a.	Rs. a.		
Nimar ..	88 3	102 14	73 8	—17	—29
Wardha ..	90 1	95 4	73 3	—19	—23
Nagpur ..	87 9	93 2	68 0	—22	—27
Akola ..	81 7	90 0	70 2	—14	—22
Amraoti ..	82 1	105 0	66 12	—19	—36
Buldana ..	82 11	95 9	68 0	—18	—29
Yeotmal ..	83 15	94 0	69 13	—17	—26

35. Food-stocks and grain trade.—The food-grains for which standard outturns have been fixed are rice, juar, wheat, gram, tur, kodon-kutki and masur. The total estimated yield of these crops for the year stood at 3,817,200 tons [3,899,400 tons]. Besides these there were 2,906,177 acres under other cereals and pulses for which no standards have been fixed and consequently no estimate of production can be worked out for them. The figures of exports and imports by rail of food-grains for the year ending the 31st March 1938 indicate that there was a net export of 290,000 tons [271,300 tons] of cereals and pulses.

36. In the table below the total valuation of certain crops (rice, wheat, juar, gram, til, linseed, cotton, tur, masur and kodon-kutki) for which data are available is compared by division with the land revenue demand :—

Division	In lakhs of rupees			
	1936-37		1937-38	
	Value of crops	Revenue	Value of crops	Revenue
(1)	(2)	(3)	(4)	(5)
Jubbulpore ..	8,34	51½	7,30	51
Nagpur ..	8,46	42½	8,10	42½
Chhattisgarh ..	12,41	41	10,88	40½
Total for the Central Provinces ..	29,21	1,35	26,28	1,33½
Berar ..	10,42	99½	8,92	98½
Total for the Central Provinces and Berar.	39,63	2,34½	35,20	2,32½

The decrease of nearly Rs. 4½ crores in the value of crops for the province as a whole is due to the poor outturn of rice and to the appreciable fall in the price of cotton.

VII.—AGRICULTURAL STOCK

37. The statements below compare the live-stock in the Central Provinces and Berar separately with that of the last two years :—

Classes	Total for 1934-35	1935-36			1936-37			1937-38		
		Total	Difference	Per cent	Total	Difference	Per cent	Total	Difference	Per cent
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<i>Central Provinces.</i>										
Bulls and bullocks ..	3,609,027	3,364,980	-244,047	-7	3,348,334	-16,646	..	3,387,418	+39,084	+1
Cows ..	2,786,665	2,538,933	-247,732	-9	2,528,086	-10,847	..	2,625,885	+97,779	+4
Male buffaloes ..	492,975	475,921	-17,054	-3	482,877	+16,956	+4	497,808	+4,931	+1
Cow buffaloes ..	625,409	573,058	-52,351	-8	576,085	+3,027	..	593,179	+17,094	+3
Young stock ..	3,390,715	3,083,752	-306,963	-9	3,189,822	+106,070	+3	3,274,045	+17,094	+3
Sheep ..	237,504	210,170	-27,334	-2	201,852	-8,318	-4	206,924	+5,072	+3
Goats ..	1,131,584	922,095	-209,489	-19	887,332	-35,763	-4	943,864	+56,532	+6
Horses and ponies ..	105,607	93,406	-12,201	-12	88,453	-4,953	-5	92,249	+3,796	+4
<i>Berar.</i>										
Bulls and bullocks ..	819,825	751,499	-68,326	-8	752,681	+1,182	..	747,441	-5,240	-1
Cows ..	559,921	527,854	-32,067	-6	534,834	+6,980	+1	552,296	+17,462	+3
Male buffaloes ..	23,189	16,424	-6,765	-29	16,177	-247	-1	16,203	+26	..
Cow buffaloes ..	238,768	222,754	-16,014	-7	216,729	-6,025	-3	216,216	-513	..
Young stock ..	674,002	677,609	+3,607	+1	691,354	+13,745	+2	711,443	+20,089	+3
Sheep ..	106,344	93,658	-12,686	-12	78,691	-14,967	-16	67,516	-11,175	-14
Goats ..	407,660	358,489	-49,171	-12	321,242	-37,247	-10	341,516	+20,274	+6
Horses and ponies ..	27,236	26,189	-1,047	-4	26,149	-40	..	23,639	-2,510	-1

The fluctuations are small and call for no explanation.

VIII.—AGRICULTURAL PROSPERITY OR DETERIORATION

38. In spite of unfavourable monsoon conditions there was no agricultural deterioration in any part of the province.

IX.—CONDITION OF AGRICULTURAL POPULATION

39. Owing to partial failure of cotton and low prices the economic condition of agriculturists in general remained unchanged except in the northern districts where it improved slightly as a result of the better yield of rabi. The effects of economic depression are less felt in the rice country on account of a series of favourable rice seasons. Cultivators in general are short of money and are being given taccavi loans on a liberal scale. The establishment of debt conciliation boards and land mortgage banks has also ameliorated their condition to some extent.

P. S. RAU,

*Director of Land Records,
Central Provinces and Berar.*

NAGPUR :

The 25th September 1938.

APPENDICES

APPENDICES

STATEMENT I.—Rainfall during the

District (1)	Years (2)	Early monsoon					Late mon		
		June	July	Aug- ust	Total	Number of rainy days	Sep- tem- ber	Octo- ber	Nov- em- ber
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Saugor ..	1937-38 ..	12.64	15.77	13.59	42.00	41	4.33	2.16	0.57
	Average for 70 years preceding ..	6.19	15.83	13.70	35.72	43	8.06	1.08	0.58
Damoh* ..	1937-38 ..	9.36	16.71	18.99	45.06	38	5.35	1.82	0.55
	Average for 70 years preceding ..	5.80	15.56	15.00	36.36	39	7.09	1.42	0.48
Jubbulpore ..	1937-38 ..	11.08	27.78	14.48	53.34	41	5.12	6.99	0.03
	Average for 70 years preceding ..	7.15	19.18	16.41	42.74	48	8.04	1.76	0.55
Mandla ..	1937-38 ..	6.91	31.36	6.20	44.47	42	2.79	6.09	..
	Average for 70 years preceding ..	8.12	18.18	14.79	41.09	50	7.89	1.77	0.58
Hoshangabad	1937-38 ..	14.61	29.33	8.18	52.12	47	7.82	0.79	0.01
	Average for 70 years preceding ..	6.09	15.68	14.72	36.49	43	9.09	1.26	0.61
Narsinghpur*	1937-38 ..	10.66	24.22	10.64	45.52	44	5.63	4.13	..
	Average for 70 years preceding ..	6.77	15.24	13.84	35.85	42	8.98	1.49	0.44
Nimar ..	1937-38 ..	7.14	16.99	2.18	26.31	28	12.25	1.89	..
	Average for 70 years preceding ..	5.52	9.49	6.43	21.44	30	6.24	1.29	0.61
Betul ..	1937-38 ..	10.93	26.68	3.74	41.35	42	11.25	6.64	..
	Average for 70 years preceding ..	6.72	13.03	10.82	30.57	39	8.37	1.88	0.62
Jhindhara	1937-38 ..	11.67	13.74	5.02	30.43	34	7.32	4.07	..
	Average for 70 years preceding ..	7.05	11.78	8.30	27.13	32	8.05	1.98	0.67
Seoni* ..	1937-38 ..	6.96	18.62	7.66	33.24	42	6.95	7.12	..
	Average for 70 years preceding ..	8.95	15.63	12.63	37.21	49	8.77	2.05	0.66
Wardha ..	1937-38 ..	6.14	26.23	6.39	38.76	32	5.48	3.59	..
	Average for 70 years preceding ..	7.08	12.41	8.94	28.43	37	8.19	2.36	0.68
Nagpur ..	1937-38 ..	9.77	21.79	10.09	41.65	38	9.40	5.83	..
	Average for 70 years preceding ..	8.33	13.96	10.66	32.95	38	8.07	2.27	0.60
Chanda ..	1937-38 ..	5.80	15.67	7.00	28.47	40	4.99	3.23	..
	Average for 70 years preceding ..	7.69	15.82	12.04	35.55	39	9.13	1.86	0.65
Bhandara ..	1937-38 ..	8.51	17.22	19.07	44.80	36	13.11	4.77	..
	Average for 70 years preceding ..	8.81	15.94	14.72	39.47	45	8.86	1.57	0.62
Balaghat ..	1937-38 ..	10.37	32.06	14.36	56.79	43	7.70	3.99	..
	Average for 70 years preceding ..	9.40	21.60	17.87	48.87	53	9.46	1.99	0.59
Drug ..	1937-38 ..	8.45	19.74	19.75	47.94	42	16.04	2.74	..
	Average for 70 years preceding ..	8.10	13.24	12.90	34.24	35	7.49	1.93	0.57
Raipur ..	1937-38 ..	9.75	19.67	23.33	52.75	44	7.52	0.70	..
	Average for 70 years preceding ..	9.25	14.72	13.52	37.49	44	8.02	2.08	0.53
Bilaspur ..	1937-38 ..	8.76	20.87	22.96	52.59	42	6.44	0.78	..
	Average for 70 years preceding ..	7.78	14.77	12.88	35.43	45	7.84	1.87	0.62
Akola ..	1937-38 ..	8.88	17.14	0.73	26.75	30	9.31	8.05	..
	Average for 70 years preceding ..	5.50	8.70	6.33	20.53	18	5.94	1.84	0.70
Amraoti ..	1937-38 ..	6.02	12.73	2.88	21.63	33	9.64	3.44	..
	Average for 70 years preceding ..	6.39	9.01	6.33	21.73	15	5.48	1.76	0.59
Buldana ..	1937-38 ..	5.75	11.68	1.61	20.04	30	5.56	5.59	..
	Average for 70 years preceding ..	6.51	8.74	6.60	21.94	21	6.82	2.21	0.85
Yeotmal ..	1937-38 ..	2.98	26.80	1.37	31.15	28	8.26	5.77	..
	Average for 70 years preceding ..	7.29	12.32	8.95	28.56	23	7.32	2.07	0.60

*Sub-division.

agricultural year ending the 31st May 1938.

soon		Cold weather					Hot weather					Grand total of the year	Number of rainy days
Total	Number of rainy days	December	January	February	Total	Number of rainy days	March	April	May	Total	Number of rainy days		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Inches		Inches	Inches	Inches	Inches		Inches	Inches	Inches	Inches		Inches	
7.06 9.72	15 10	.. 0.48	1.66 0.54	.. 0.43	1.66 1.45	2 2	0.08 0.32	.. 0.22	2.00 0.41	2.08 0.95	4 2	52.80 47.84	62 57
7.72 9.89	10 11	.. 0.43	2.95 0.45	.. 0.52	2.95 1.40	3 2	.. 0.32	.. 0.23	0.77 0.34	0.77 0.89	5 2	56.50 48.54	56 54
12.14 11.25	13 10	.. 0.32	0.94 0.74	1.05 0.73	1.99 1.79	8 2	0.09 0.53	0.02 0.34	0.45 0.57	0.56 1.44	1 3	68.03 57.22	63 63
8.88 10.24	12 12	.. 0.40	0.70 0.77	1.04 1.00	1.74 2.17	4 3	0.47 1.00	0.07 0.66	0.50 0.57	1.04 2.23	3 5	56.13 55.73	61 70
8.62 10.96	12 11	0.01 0.47	0.84 0.38	.. 0.34	0.85 1.19	3 1	.. 0.21	.. 0.12	0.44 0.48	0.44 0.81	2 2	62.03 49.45	64 57
9.76 10.91	12 12	.. 0.35	0.78 0.48	.. 0.64	0.78 1.47	2 1	0.02 0.50	.. 0.34	.. 0.34	0.02 1.18	.. 3	56.08 49.41	58 58
14.14 8.14	14 9	0.11 0.31	.. 0.32	.. 0.22	0.11 0.85	1 1	0.42 0.14	0.03 0.11	0.45 0.34	0.90 0.59	2 1	41.46 31.02	45 41
17.89 10.87	15 15	0.02 0.46	0.86 0.55	.. 0.42	0.88 1.43	2 2	0.47 0.47	0.19 0.32	1.00 0.43	1.66 1.37	4 3	61.78 44.24	63 59
11.39 10.70	9 13	.. 0.45	0.49 0.68	0.11 0.78	0.60 1.91	2 2	0.14 0.62	0.41 0.41	2.66 0.58	3.21 1.61	6 4	45.63 41.35	51 51
14.07 11.48	15 14	0.32 0.51	0.49 0.57	0.43 0.86	1.24 1.94	4 2	0.27 0.73	0.31 0.56	0.46 0.79	1.04 2.08	4 5	49.59 52.71	65 70
9.07 11.23	12 13	0.25 0.39	.. 0.34	1.33 0.52	1.58 1.25	6 1	0.75 0.40	0.11 0.46	0.71 0.71	1.57 1.57	3 4	50.98 42.48	53 49
15.23 10.94	17 15	0.03 0.41	0.04 0.47	0.22 0.62	0.29 1.51	1 2	0.22 0.54	1.04 0.32	2.05 0.70	3.31 1.76	8 5	60.48 47.16	64 60
8.22 11.64	12 14	0.62 0.21	.. 0.30	0.35 0.71	0.97 1.22	4 1	0.04 0.79	0.04 0.77	0.59 0.68	0.67 2.24	2 5	38.33 50.65	58 59
17.88 11.05	11 16	0.06 0.36	0.21 0.48	0.55 0.80	0.82 1.64	3 2	0.21 0.63	0.25 0.64	0.87 0.77	1.33 2.04	4 4	64.83 54.20	54 67
11.69 12.04	11 13	0.18 0.23	0.06 0.52	0.22 0.82	0.46 1.57	2 2	0.39 0.57	0.01 0.62	0.89 0.67	1.29 1.86	5 4	70.23 64.34	61 72
18.78 9.99	15 13	.. 0.18	.. 0.44	1.09 0.76	1.09 1.38	2 3	0.39 0.54	0.45 0.64	2.68 0.66	3.52 1.84	12 4	71.33 47.45	71 55
8.22 10.63	9 13	.. 0.18	.. 0.41	1.15 0.74	1.15 1.33	3 2	0.40 0.62	.. 0.67	1.35 0.97	1.75 2.26	4 5	63.87 51.71	60 64
7.22 10.33	15 16	0.01 0.25	0.86 0.50	0.64 0.85	1.51 1.60	4 2	.. 0.72	0.05 0.69	1.80 0.80	1.85 2.21	4 5	63.17 49.57	65 68
17.36 8.48	15 6	0.23 0.49	0.06 0.42	.. 0.30	0.29 1.21	2 1	.. 0.35	0.16 0.19	0.40 0.38	0.56 0.92	3 2	44.96 31.14	50 27
13.08 7.83	13 6	0.05 0.42	0.19 0.42	0.60 0.42	0.84 1.26	3 1	.. 0.20	0.49 0.34	1.48 0.53	1.97 1.16	5 2	37.52 31.98	54 24
11.15 9.88	14 7	0.14 0.50	0.03 0.54	.. 0.29	0.17 1.33	.. 1	0.02 0.20	0.49 0.30	2.50 0.48	3.01 1.07	6 2	34.37 34.22	50 31
14.03 10.08	13 8	0.51 0.41	.. 0.39	0.25 0.53	0.76 1.33	2 2	0.03 0.38	0.34 0.45	1.19 0.65	1.56 1.48	6 2	47.50 41.45	49 35

STATEMENT II-A.—Area as classified with details of area
the agricultural year

District	Area included in holdings					
	Area under cultivation			Total (columns 2 and 4)	Out of cultiva- tion	Total area included in holdings (occupied area)
	Under crop	Compare normal area under crop	Not ropped within the year			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Acres.	Acres.	Acres.	Acres	Acres.	Acres.
Saugor—						
Saugor	930,777	902,300	64,695	995,472	240,180	1,236,452
Damoh*	521,209	513,000	53,800	575,369	172,256	747,325
Total	1,452,046	1,415,000	118,495	1,570,541	413,236	1,983,777
Jubbulpore—						
Mandla	978,070	974,000	191,618	1,169,688	253,453	1,423,141
Hoshangabad—						
Hoshangabad	724,573	693,000	238,532	963,375	278,278	1,241,353
Narsinghpur*						
Narsinghpur	943,735	590,000	71,120	1,014,855	203,877	1,218,732
Total	1,532,469	1,525,000	110,349	1,612,818	317,399	1,959,917
Nimar	922,897	912,000	76,329	998,926	192,818	1,191,744
Total for Jubbulpore division	5,610,055	5,549,000	734,993	6,345,048	1,451,884	7,799,932
Betul	790,348	799,000	161,284	951,632	238,006	1,189,708
Chhindwara—						
Khalsa	877,024	1,054,000	116,258	993,282	75,728	1,069,010
Jagirs	157,321		65,768	223,089	87,573	310,662
Seoni*	735,947	735,000	145,418	880,465	193,283	1,073,748
Total	1,769,392	1,789,000	327,444	2,696,836	356,584	3,453,420
Wardha	996,733	1,020,000	89,735	1,077,468	104,912	1,182,389
Nagpur	1,254,673	1,339,660	126,339	1,380,982	250,237	1,631,219
Chanda—						
Khalsa	855,797	935,000	73,899	929,696	255,721	1,185,417
Zamindaris	119,078		16,884	135,962	34,498	170,460
Total for Nagpur division	5,786,021	5,852,000	786,555	6,572,576	1,240,928	7,812,604
Bhandara—						
Khalsa	563,829	829,000	34,578	598,407	87,602	686,009
Zamindaris	274,672		21,136	295,808	49,044	344,852
Balghat—						
Khalsa	467,653	559,000	46,613	514,266	110,817	625,083
Zamindaris	101,518		8,408	109,926	15,977	125,903
Drug—						
Khalsa	1,135,648	1,443,000	102,034	1,237,652	87,757	1,325,409
Zamindaris	328,396		65,988	394,084	69,639	463,723
Raipur—						
Khalsa	1,330,780	2,042,000	138,250	1,469,030	98,613	1,567,643
Zamindaris	618,393		76,753	695,151	96,623	791,774
Bilaspur—						
Khalsa	1,146,076	1,737,000	81,073	1,227,149	55,380	1,282,529
Zamindaris	596,304		87,179	683,183	85,363	768,546
Total for Chhattisgarh division	6,562,674	6,610,000	661,982	7,224,656	756,815	7,981,471
Total for Central Provinces	17,958,750	18,011,000	2,183,530	20,142,280	3,451,727	23,594,007

Sub-division.

under cultivation in each district of the Central Provinces during ending the 31st May 1938.

Area not included in holdings								
Groves	Tree forest	Scrub jungle and grass	Under water	Hill and rock	Occupied by roads and buildings	Total area not included in holdings (un-occupied area)	Grand total of area	Area double cropped
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres.	Acres.
781	253,583	430,020	45,032	40,837	38,558	809,181	2,045,633	28,812
133	15,000	159,591	43,421	157,399	21,625	546,174	1,293,499	33,221
914	418,989	589,611	88,452	198,716	59,183	1,355,355	3,339,132	62,033
924	156,526	378,334	81,408	261,929	38,765	867,676	2,290,817	135,456
366	202,691	273,376	99,462	177,221	41,293	794,469	2,335,762	99,896
113	273,818	129,726	56,364	27,266	38,824	536,111	1,754,843	11,188
653	179,696	136,407	33,530	3,111	20,503	364,960	1,106,145	70,340
766	444,514	266,133	99,894	30,357	59,357	901,071	2,861,988	31,528
120	103,516	163,745	61,224	61,999	41,669	432,273	1,624,017	26,134
3,090	1,306,236	1,641,899	430,530	729,732	240,297	4,359,784	12,150,716	355,657
22	307,327	89,997	62,301	65,791	29,762	555,200	1,744,908	59,226
154	133,898	119,844	54,761	76,191	28,010	412,768	1,481,778	33,667
11	572,118	72,711	21,038	41,105	4,387	710,900	1,021,562	7,244
491	286,213	164,830	55,395	17,337	32,786	557,055	1,630,803	48,310
659	992,199	386,945	131,104	134,633	65,183	1,680,723	4,134,143	89,221
56	12,334	74,757	33,344	92,188	29,953	242,632	1,425,012	6,478
832	135,420	155,747	64,231	73,433	54,178	483,841	2,115,960	11,674
830	383,393	211,339	141,185	25,516	38,648	800,911	1,986,328	70,073
37	810,809	48,914	24,858	23,419	7,872	915,903	1,086,369	2,428
2,436	2,641,482	937,699	457,023	414,980	225,696	4,679,216	12,491,820	239,100
1,339	209,410	97,133	74,529	29,112	29,079	440,452	1,126,461	138,485
362	310,649	79,921	26,736	60,297	18,145	496,110	849,962	123,035
414	218,274	147,255	52,679	106,804	30,326	555,743	1,180,826	168,354
62	55,377	48,297	12,023	158,993	5,202	319,954	445,857	48,611
317	39,787	230,744	75,262	10,145	35,880	392,135	1,717,544	422,417
147	208,660	92,680	19,460	54,603	13,122	388,672	852,395	62,915
209	151,077	334,047	121,682	25,245	41,606	673,866	2,241,509	551,305
193	320,489	116,534	44,921	19,379	22,234	523,750	1,315,524	13,326
1,181	66,335	266,249	87,878	11,370	40,266	473,279	1,755,898	415,288
434	807,812	126,332	45,743	106,587	19,381	1,106,039	1,874,585	91,679
4,658	2,427,870	1,539,192	560,954	552,435	254,981	5,379,000	13,551,471	2,105,415
10,184	6,375,588	4,117,791	1,448,507	1,727,147	720,874	14,400,900	37,994,007	2,699,572

STATEMENT II-B.—Area es classified with details of area under

District	Area occupied					Culturable assessed waste available for cultiva- tion	A— Timber and fuel reserves
	Area under crop	Compare normal area under crop	Not cropped	Pot kharab	Total (columns 2, 4 & 5)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Akola ...	1,773,445	1,834,300	422,699	20,796	2,216,940	4,522	136,363
Amraot' ...	1,574,139	1,601,000	240,446	25,422	1,840,007	25,513	799,934
Buldana ...	1,550,570	1,543,000	362,823	42,107	1,955,500	3,588	161,401
Yeotmal ...	1,680,900	1,663,000	595,716	46,131	2,322,747	3,428	495,055
Total ..	6,579,054	6,611,000	1,621,684	134,456	8,335,194	37,081	1,592,753

cultivation in Berar during the agricultural year ending the 31st May 1938

B— Grass reserves	Pasture lands	Total (columns 8 to 10)	Free grazing not included in forests	For village purposes	Area not included in survey numbers, village sites, etc.	Uncultura- ble land not included in any of the foregoing	Grand total (columns 6, 7, and 11 to 15)
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres.
...	70,289	206,652	109,248	17,212	53,088	14,074	2,621,736
3,592	92,573	896,099	136,686	19,593	59,631	24,301	3,001,860
...	116,380	277,781	82,985	26,108	44,130	23,900	2,413,992
...	261,923	756,978	55,459	13,418	57,808	130,875	3,340,713
3,592	541,165	2,137,510	384,378	76,331	214,657	193,150	11,378,301

STATEMENT III-A.—Areas under the principal crops
during the agricultural year

District		Cereals			
		Rice			
		Transplanted		Broadcast	
		Irrigated	Un-irrigated	Irrigated	Un-irrigated
(1)	(2)	(3)	(1)	(5)	
		Acres.	Acres.	Acres.	Acres.
Saugor—					
Saugor	...	112	728	177	25,392
Damoh	...	84	350	5,027	74,137
	Total	196	1,088	5,204	99,529
Jubbulpore	...	1,775	8,312	12,632	188,619
Mandla	...	...	15,911	...	157,164
Hoshangabad—					
Hoshangabad	...	...	1,813	6	12,177
Narsinghpur	...	...	2,355	1	34,713
	Total	...	4,198	7	46,887
Nimar	...	...	...	3	30,943
Total for Jubbulpore division		1,971	29,599	17,816	523,172
Berul	...	...	1	...	32,064
Chhindwara—					
Chhindwara	{ Khalsa	13	867	...	13,189
	{ Jagirs	...	3	...	4,969
Seoni	Total	29,626	69,607	1,393	30,251
	Total	29,639	70,477	1,393	48,409
Wardha	...	...	1	1	5,819
Nagpur	...	18,697	9,690	462	4,427
Chanda	{ Khalsa	139,325	23,694	26,921	48,775
	{ Zamindaris	8,872	5,759	8,821	69,212
Total for Nagpur division		196,533	109,622	37,598	208,706
Bhandara	{ Khalsa	149,590	76,175	16,576	53,667
	{ Zamindaris	86,526	194,301	7,619	31,154
	{ Khalsa	142,572	131,614	13,173	76,620
Balaghat	{ Zamindaris	9,248	30,887	2,390	35,995
	{ Khalsa	179	155	137,585	496,621
Drug	{ Zamindaris	232	1,759	10,780	146,672
	{ Khalsa	239	873	133,608	503,955
Raipur	{ Zamindaris	516	9,813	2,883	474,771
	{ Khalsa	888	1,295	97,897	752,670
Bilaspur	{ Zamindaris	157	7,699	7,195	398,220
Total for Chhattisgarh division		390,147	364,571	429,616	3,413,353
Total for Central Provinces		588,651	503,702	485,060	4,115,231
Akola	...	...	...	...	15,712
Amraoti	...	...	5	...	5,159
Buldana	...	...	...	...	3,730
Yeotmal	...	...	8	100	16,181
Total for Berar division		...	13	100	40,782
Total for Central Provinces and Berar		588,651	503,715	485,160	4,186,013

in each district of the Central Provinces and Berar
ending the 31st May 1938.

and pulses			Juar and arhar (tu-)	Kodon and kurki	Bajra	Wheat	
Total	Juar					Irrigated	Un- Irrigated
	Kharif	Rabi (ringni)					
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Acres	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
26,499	33,712	...	29,634	32,757	449	2,630	372,793
79,608	10,057	...	30,332	28,405	14	878	132,585
106,017	43,769	...	59,966	61,162	463	3,508	535,378
211,368	3,579	...	28,471	110,897	529	544	92,783
173,975	295	...	31	249,653	...	...	95,113
14,076	1,632	41,807	42,093	36,970	892	1,745	340,451
37,066	2,515	1	42,132	45,198	3,854	701	7,748
51,092	4,147	1,808	84,275	82,168	4,746	2,447	3,8,199
30,946	242,237	134	5,253	9,878	12,883	1,062	37,552
572,498	294,027	1,942	177,546	513,758	18,621	5,561	1,079,025
32,065	21,801	8	174,003	148,546	41	10,456	119,163
14,069	131,849	1,655	166,444	79,166	162	5,471	87,843
4,572	3,575	...	1,430	61,220	4	66	10,621
130,877	9,095	1,426	18,957	107,422	...	75	148,407
149,918	144,519	3,081	186,831	247,808	166	5,612	246,871
5,821	286,568	3,045	50,025	7	194	1	117
33,276	218,870	123,613	158,217	446	502	95	4,238
238,715	31,736	210,547	11,568	89	9	...	650
92,661	4	4,917	...	6,542	...	...	1
552,459	703,458	345,211	580,644	403,438	912	16,164	371,040
296,078	586	73,594	9,603	1,522	4	45	18,422
232,600	78	186	966	5,322	...	2	11,808
363,979	704	171	3,656	20,484	1	87	19,939
78,430	74	...	1,841	5,064	...	...	4,166
634,548	63	...	71	174,235	1	57	21,663
159,443	29	...	18	91,379	...	...	2,455
1,038,675	87	1	26	95,567	...	224	11,114
487,983	142	...	1	33,684	2	67	537
892,750	78	85	243	51,804	1	355	43,384
413,277	965	3	111	41,881	16	33	13,732
4,597,687	2,756	71,040	16,536	520,542	25	870	147,220
5,722,644	1,000,781	421,193	775,126	1,438,138	19,558	24,595	1,597,285
1,712	553,339	...	...	1,752	18,594	6	1,283
5,164	490,632	...	...	5,296	11,269	121	3,497
3,730	463,078	7,610	...	71	35,927	4	20
16,289	647,210	...	...	93	15,705	...	344
40,895	2,154,279	7,610	...	7,212	81,395	131	5,144
5,763,539	3,154,560	428,833	775,126	1,445,350	100,953	24,726	1,602,429

STATEMENT III-A.—Areas under the principal crops during the agricultural year

District (1)	Cereals				
	Wheat—concl'd.			Wheat gram (17)	
	Other kinds				
	Irrigated (14)	Un- irrigated (15)	Total (16)		
	Acres.	Acres.	Acres.	Acres.	
Saugor— Saugor Damoh	743 171	17,573 55,920	453,739 189,554	58,496 54,209	
Total:	914	133,493	643,293	112,705	
Jubbulpore Mandla	215	29,592 5,279	114,044 100,392	287,527 39,920	
Hoshangabad— Hoshangabad Narsinghpur	26	24,653 1,099	366,876 9,449	37,061 151,692	
Total	26	25,653	376,325	188,753	
Nimar	7,200	15,202	61,016	1,351	
Total for Jubbulpore division	8,355	200,129	1,295,070	630,256	
Retul Chhindwara--	763	1,991	132,373	60,545	
Chhindwara	{ Khalsa Jagirs	1,874 1	23,540 1,199	118,728 11,887	67,699 12,833
Seoni	39	15,744	165,265	70,383	
Total	1,914	41,483	295,889	150,915	
Wardha Nagpur	666 3,532	118,792 171,618	119,576 179,483	386 435	
Chanda	{ Khalsa Zamindaris	23 ...	66,373 497	67,046 498	242 5
Total for Nagpur division	6,898	400,751	794,856	212,528	
Bhandara	{ Khalsa Zamindaris	7 1	55,336 2,264	73,810 14,075	365 275
Balaghat	{ Khalsa Zamindaris	4 ...	9,971 120	30,001 4,286	1,010 193
Drog	{ Khalsa Zamindaris	55 ...	52,983 15,033	74,758 17,488	252 186
Rajput	{ Khalsa Zamindaris	50 18	3,126 320	14,497 942	154 22
Rilaspur	{ Khalsa Zamindaris	142 6	4,622 3,932	48,503 17,703	216 410
Total for Chhattisgarh division	283	147,737	296,080	3,088	
Total for Central Provinces	15,536	748,590	2,386,006	845,872	
Akola	11	126,628	127,928	...	
Amraoti	98	76,119	79,835	...	
Buldana	8,466	125,016	133,506	...	
Yeotmal	106	50,742	51,192	...	
Total for Berar division	8,681	378,505	392,461	...	
Total for the Central Provinces and Berar	24,217	1,127,995	2,778,467	845,872	

in each district of the Central Provinces and Berar
ending the 31st May 1938—contd.

and pulses—concl'd.

Arhar (tur)	Urad, mung and moth		Gram (chana)	Lakh (tiura)	Masur	Peas (batana)	Other cereals and pulses
	Kharif	Rabi					
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1,199	2,496	4	61,251	2,359	25,708	2,358	15,275
1,035	2,218	...	24,181	1,637	5,718	771	6,872
2,234	4,714	4	85,432	3,966	21,426	3,129	22,147
7,173	12,230	...	109,514	917	45,713	6,977	21,795
3,320	22,421	1	36,922	3,165	26,911	11,068	32,123
2,105	612	2	72,149	22,288	5,931	2,387	6,712
6,455	627	200	129,835	24,944	30,208	8,835	7,618
8,563	1,239	232	231,954	47,232	36,139	11,222	14,330
11,118	28,223	25	24,997	245	3,673	756	24,379
32,405	68,827	232	458,619	55,525	143,862	33,152	114,774
2,011	19,405	480	50,934	3,792	21,966	1,320	42,549
4,849	6,991	...	60,560	3,681	5,188	1,869	47,024
546	5,903	...	11,912	43	1,111	247	18,271
2,514	7,600	43	23,534	41,099	29,818	4,096	38,899
7,909	20,494	43	96,306	44,823	36,117	6,212	99,191
814	8,373	5	13,969	4,048	514	1,530	1,556
22,736	7,941	433	21,684	31,786	1,773	2,222	5,812
1,162	416	18,671	12,421	59,321	407	2,071	21,715
17	1,586	3,344	548	783	2	32	6,340
34,649	58,215	22,976	195,562	114,553	60,779	13,587	177,166
3,902	258	45,109	16,542	82,910	573	908	12,090
652	520	21,969	6,667	64,795	120	168	6,415
2,160	2,505	36,089	14,408	63,003	164	836	14,844
513	462	24,929	5,132	6,595	65	443	4,189
36,185	833	238,942	29,854	165,404	21,291	10,623	2,788
10,191	2,697	32,550	5,470	11,254	1,450	882	9,496
15,558	5,404	148,211	33,926	119,747	11,943	6,857	5,334
479	24,268	47,888	3,329	13,880	1,038	10,734	19,788
13,592	8,875	161,452	15,955	159,594	25,187	9,564	6,554
6,901	25,954	22,616	13,607	11,171	13,432	8,267	41,661
90,130	71,776	891,061	144,021	698,992	75,321	49,327	124,025
157,184	198,818	914,269	798,402	899,070	279,962	96,366	1,531,965
62,908	57,484	...	30,001	7,605	4,661	2,280	7,278
71,324	33,231	...	16,358	2,712	1,868	385	5,527
50,119	57,455	...	32,596	2,201	1,532	1,496	18,799
98,819	75,484	...	21,198	2,225	223	1,210	5,214
283,170	223,654	...	100,153	14,743	8,254	5,371	36,728
440,354	422,472	914,269	898,555	913,813	288,216	101,437	1,568,693

STATEMENT III-A.—Areas under the principal crops during the agricultural year

District (1)	Oil			
	Til		Linseed	
	Kharif (26)	Rabi (27)	Drilled (bota) (28-a)	Broadcast (utera) (28-b)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	15,828	1,743	13,140	134
Damoh	26,475	5	23,113	533
Total	42,303	1,748	33,283	667
Jubbulpore	34,203	7,630	29,549	273
Mandla	16,587	14	6,111	257
Hoshangabad—				
Hoshangabad	8,575	90,225	65,727	13
Narsinghpur	9,081	30,412	2,765	1,233
Total	17,656	120,637	68,492	1,370
Nimar	21,867	664	1,192	5
Total for Jubbulpore division	135,613	130,673	138,627	2,572
Betul	16,835	367	7,688	18
Chhindwara—				
Chhindwara	{ Khalsa 9,525	9	3,363	245
{ Jagirs 6,530	...	66	4	
Total	14,440	211	21,910	5,721
{ Khalsa 30,495	220	25,339	5,970	
{ Zamindaris 2,323	13,054	45,382	57	
Total	5,163	21,393	111,793	30
Wardha				
Nagpur				
{ Khalsa 2,268	42,723	71,231	132	
{ Zamindaris 145	334	616	122	
Total for Nagpur division	57,229	78,091	262,079	6,329
Bhandara	{ Khalsa 543	2,663	37,890	13,494
{ Zamindaris 148	8	8,702	30,061	
Balaghat	{ Khalsa 706	21	9,373	55,188
{ Zamindaris 174	1	1,610	12,340	
Drug	{ Khalsa 2,644	351	79,167	70,794
{ Zamindaris 3,168	19	18,333	15,731	
Raipur	{ Khalsa 6,466	75	55,354	152,590
{ Zamindaris 15,248	56	4,596	16,829	
Bilaspur	{ Khalsa 2,973	5	46,649	69,114
{ Zamindaris 6,250	...	9,209	12,034	
Total for Chhattisgarh division	38,320	3,199	270,883	449,175
Total for Central Provinces	231,162	211,983	671,589	458,076
Akola	7,399	858	13,074	...
Amraoti	6,633	2,020	9,176	...
Buldana	6,379	424	11,354	...
Yeotmal	13,477	2,505	21,299	...
Total for Berar division	33,888	5,807	54,903	...
Total for the Central Provinces and Berar	265,050	217,790	726,492	458,076

in each district of the Central Provinces and Berar
ending the 31st May 1938--contd.

seeds			Condi- ments and spices	Sugarcane			
Linseed (gram)	Ramtil (jagni)	Other oil-seeds		Ratoon		Planted	
				Irrigated	Unirri- gated	Irrigated	Unirri- gated
(29)	(30)	(31)	(32)	(33)		(34)	
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
25,818	28,241	12,383	1,030	25	...	415	72
24,955	2,150	5,297	884	...	...	362	68
50,773	30,391	17,680	1,914	25	...	777	140
20,855	8,190	11,828	3,771	83	51	1,200	400
3,566	60,784	27,969	784	76	...	598	...
10,529	...	3,289	1,186	12	...	152	40
11,883	...	5,565	791	138	87	626	498
22,452	...	8,854	2,677	150	87	778	538
474	60	16,682	2,773	...	...	113	...
98,080	99,425	83,013	11,919	334	138	3,466	1,078
582	45,516	10,656	3,050	849	...	3,219	...
3,018	87,005	6,085	3,343	436	...	2,823	...
71	21,067	1,541	160	...	...	32	...
5,581	45,748	4,263	1,959	6	...	1,363	...
9,070	153,761	11,889	5,462	442	...	3,918	...
4	...	4,128	3,641	...	...	57	...
90	219	4,423	11,628	15	...	174	...
6,195	2,377	205	10,888	1,682	1	2,101	...
4	118	14	1,268	49	...	56	...
15,945	201,991	31,295	35,937	3,037	1	9,625	...
263	4	1,196	6,261	853	...	2,045	...
54	2	213	1,028	699	...	13	...
522	206	3,936	1,206	1,270	12	1,565	27
83	25	1,851	327	154	1	76	...
265	...	4,362	15,919	53	5	161	322
143	46	1,590	1,812	7	...	10	3
281	1	3,462	4,755	87	...	372	...
531	100	5,973	1,452	917	...	925	3
2,920	44	15,471	8,056	533	79	1,939	492
8,523	6,133	16,360	938	226	6	405	1,344
13,605	6,561	54,414	41,754	4,799	133	7,451	2,191
127,630	307,977	168,722	89,610	3,170	242	20,542	3,269
...	3,299	43,705	5,743	25	...	270	...
...	595	28,850	6,459	...	...	168	...
...	47,715	78,083	6,268	...	...	519	...
...	483	13,572	7,011	...	...	405	...
...	52,095	169,210	25,481	25	...	1,362	...
127,630	360,072	337,932	115,091	8,195	242	21,904	3,269

*in each district of the Central Provinces and Berar
ending the 31st May 1953—contd.*

Other fibres (san, etc.)	Cayes (Indigo, etc.)	Drugs and narcotics	Fodder crops	Orchard and garden produce	
				Kharif	
				Irrigated	Unirrigated
(38)	(39)	(1)	(41)	(42)	(43)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1,571	4	1,695	102,911	371	1,734
416	...	393	35,933	197	650
1,987	4	2,088	138,844	568	2,384
2,012	...	396	18,176	270	8,387
5,117	...	398	1,176	143	714
830	...	362	92,442	439	4,234
1,551	...	615	24,679	319	1,311
2,381	...	577	117,121	758	4,545
1,461	...	99	60,492	1,177	450
12,958	4	3,958	335,809	2,916	17,480
2,211	...	275	23,185	191	920
5,739	...	493	2,641	1,255	616
535	...	138	350	3	132
11,291	18	404	10,566	261	814
17,565	18	1,335	13,547	1,519	1,556
2,159	...	222	58,738	2,650	825
3,191	...	241	24,507	13,170	2,209
612	59	248	6,310	262	643
89	...	461	1,007	13	80
25,827	77	2,182	127,251	17,205	6,233
1,061	3	47	11,441	1,883	438
426	6	39	977	109	89
361	5	640	3,554	445	1,037
116	...	173	508	37	201
770	...	445	9,723	93	13,276
411	17	470	4,122	84	1,689
1,229	...	233	4,557	234	11,508
2,178	...	199	87	102	1,983
1,890	1	429	1,143	193	9,274
290	...	826	1,561	218	3,411
8,732	32	3,501	37,673	3,392	39,906
47,517	113	9,641	500,773	23,513	63,619
9,451	...	721	39	2,401	1,183
9,314	...	1,120	100	3,932	1,847
7,192	...	1,049	22	2,988	1,746
13,294	...	958	14	1,822	1,774
39,168	...	3,843	175	11,143	6,550
86,685	113	13,489	500,948	34,656	70,169

STATEMENT III A.—Areas under the principal crops during the agricultural year

District (1)	Orchard and garden produce—concl'd.		Miscellaneous	
	Rabi		Kharif	
	Irrigated (44)	Unirrigated (45)	Irrigated (46)	Unirrigated (47)
	Acres.	Acres.	Acres.	Acres
Saugor—				
Saugor	1,554	78	...	3
Damoh	856	75	...	68
Total	2,410	133	...	71
Jubbulpore	2,296	396	1	403
Mandla	567	303	...	...
Hoshangabad—				
Hoshangabad	1,076	107	5	18
Narsinghpur	1,057	110	...	...
Total	2,133	217	5	18
Nimar	468	57	4	25
Total for Jubbulpore division	7,814	1,106	10	517
Betul	427	204	1	3
Chhindwara—				
Chhindwara	1,754	38	6	32
Seoni	13	1	...	6
Total	671	41	3	17
Wardha	2,391	89	9	55
Nagpur	437	27	53	99
Total	2,357	27	1	15
Chanda	814	199	4	173
Total	31	8	...	19
Total for Nagpur division	6,457	515	68	355
Bhandara	961	218	47	29
Total	185	79	3	56
Balaghat	690	163	...	44
Total	152	81	...	1
Drug	892	1,956	...	4
Total	182	248	...	1
Raipur	2,713	1,870	...	20
Total	827	915	...	...
Bilaspur	1,982	3,516	...	12
Total	369	765	...	421
Total for Chhattisgarh division	8,953	9,802	59	588
Total for Central Provinces	23,224	11,453	128	1,460
Akola	...	...	11	7
Amraoti	30	407	177	278
Buldana	...	...	3	1
Yezmal	...	...	3	27
Total for Berar division	30	407	197	553
Total for the Central Provinces and Berar	23,254	11,860	325	2,013

in each district of the Central Provinces and Berar
ending the 31st May 1938—contd.

food crops		Miscellaneous non-food crops			
Rabi		Kharif		Rabi	
Irrigated (48)	Unirrigated (49)	Irrigated (50)	Unirrigated (51)	Irrigated (52)	Unirrigated (53)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
...	5	...	6	...	...
...	5	...	6	...	...
5	17	14	111	89	163
...
...	18	14	29	1	...
...	161	19	4	...	...
...	179	24	33	...	...
8	35	...	1	...	...
13	236	38	151	90	108
...
7	86	...	...	3	...
...	12	...	...	...	...
2	...	...	4	...	...
9	98	...	4	3	...
18	3	17	8	1	23
...	...	124	5	...	...
150	211	...	...	...	2
1	33	...	...	...	...
178	345	141	17	4	75
17	11	4	...	3	...
3	5	1	2	...	...
7	7	6	1	...	...
...
11	5	...	...	...	...
...
7	24	...	...	...	60
...
...	...	1	6	4	23
...	...	...	2	...	2
45	52	12	11	7	85
236	633	191	179	101	218
...	...	67	19	...	...
...	...	115	132	...	...
...	...	6	11	...	...
...	...	...	18	...	...
...	...	188	160	...	...
236	633	379	359	101	218

STATEMENT III-A.—Areas under the principal crops during the agricultural year

District (1)	Total gross			
	Kharif		Rabi	
	Irrigated (54)	Unirrigated (55)	Irrigated (56)	Unirrigated (57)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	1,770	303,016	6,780	648,623
Damoh	5,686	220,685	2,513	325,696
Total	6,856	523,701	9,293	974,229
Jubbulpore	16,065	449,551	3,655	644,265
Mandla	817	564,652	832	258,168
Hoshangabad—				
Hoshangabad	732	275,147	3,581	675,463
Narsinghpur	1,111	202,563	2,154	403,246
Total	1,813	477,710	5,735	1,078,709
Nimar	2,536	850,280	9,421	86,794
Total for Jubbulpore division	28,119	2,873,101	28,915	3,037,232
Betul	4,568	562,062	18,122	206,822
Chhindwara—				
Chhindwara	{ Khalsa 4,839	633,257	13,719	258,876
{ Zamindaris 35	124,347	150	40,033	
Seoni	32,383	373,182	1,212	376,580
Total	37,257	1,130,786	15,381	675,489
Wardha	4,340	794,605	1,575	202,691
Nagpur	35,408	725,904	7,971	497,064
Chanda	{ Khalsa 170,833	187,228	3,279	564,530
{ Zamindaris 17,817	86,951	1,157	15,551	
Total for Nagpur division	270,223	3,485,536	47,185	2,222,177
Bhandara	{ Khalsa 171,339	165,105	2,914	362,956
{ Zamindaris 94,978	153,306	936	148,487	
Balghat	{ Khalsa 159,978	252,473	1,841	222,615
{ Zamindaris 11,825	77,798	422	60,084	
Drug	{ Khalsa 138,032	734,863	2,241	682,932
{ Zamindaris 11,147	272,251	571	167,042	
Raipur	{ Khalsa 134,569	1,052,128	5,235	690,153
{ Zamindaris 5,385	587,145	1,473	107,721	
Bilaspur	{ Khalsa 101,531	891,264	4,117	561,402
{ Zamindari 8,213	541,251	832	137,387	
Total for Chhattisgarh division	835,153	4,728,597	20,572	3,081,777
Total for Central Provinces	1,133,495	11,087,234	96,702	8,341,126
Akola	5,402	1,587,611	90	100,146
Amravati	6,849	1,459,908	568	113,069
Buldana	6,788	1,327,578	8,661	229,776
Yezmal	4,667	1,584,767	105	100,696
Total for Berar division	23,746	5,959,914	9,425	633,687
Total for the Central Provinces and Berar	1,157,241	17,047,148	106,127	8,974,873

in each district of the Central Provinces and Berar
ending the 31st May 1938 - conclud.

cropped area		Area cropped more than once	Net cropped area	
Total			Irrigated	Unirrigated
Irrigated (58)	Unirrigated (59)				(60)	(61)	(62)
Acres.	Acres.	Acres.	Acres.	Acres.
7,950	951,639	18,812	7,950	922,827
8,199	546,291	33,221	8,199	513,070
16,149	1,497,930	62,033	16,149	1,435,897
19,720	1,093,816	135,466	19,720	958,350
1,649	822,820	29,396	1,649	722,924
4,313	950,610	11,188	4,296	939,439
3,265	605,809	20,340	2,770	586,034
7,578	1,556,419	31,528	6,996	1,525,473
11,957	937,074	26,134	4,471	918,426
57,064	5,910,333	356,083	48,976	5,562,318
22,690	826,884	59,226	19,064	771,264
18,558	892,133	33,667	18,558	858,466
185	161,389	7,244	185	157,136
33,595	749,762	48,310	33,595	701,452
52,333	1,806,275	89,221	52,338	1,717,354
5,915	997,296	6,478	5,606	991,127
43,379	1,222,968	11,674	43,379	1,211,294
174,112	751,758	79,073	174,112	681,685
18,974	1,02,532	2,428	18,974	100,104
317,408	5,707,713	239,190	313,473	5,472,548
174,253	528,001	138,485	173,720	390,199
95,914	301,793	123,035	95,889	178,783
160,919	475,088	168,354	160,919	306,734
12,247	137,882	48,611	12,247	89,271
140,273	1,417,792	422,417	139,843	995,805
11,718	379,293	62,915	11,622	316,474
139,804	1,742,281	551,305	139,804	1,199,976
6,858	694,866	83,326	6,858	611,540
105,698	1,455,666	415,288	105,651	1,040,425
9,045	678,638	91,679	8,955	587,009
855,725	7,810,374	2,106,326	854,546	5,705,227
1,230,197	19,428,420	2,701,539	1,217,015	16,740,093
5,492	1,777,837	9,854	5,492	1,767,953
7,457	1,572,977	6,295	7,439	1,566,700
15,449	1,557,354	22,233	15,419	1,535,121
4,773	1,685,463	9,336	4,773	1,676,127
33,171	6,593,691	47,718	33,153	6,545,901
1,263,368	26,022,020	2,749,227	1,250,168	23,285,994

STATEMENT V.—Showing the outturn in anna notation and the agricultural year

District (1)	Kharif			
	Rice broadcast		Rice transplanted	
	Year of report (2)	Previous year (3)	Year of report (4)	Previous year (5)
Saugor	13	15	13	15
Damoh	13	15	13	15
Average for Saugor	13	15	13	15
Jubbulpore	12	13	12	13
Mandla	10	13	10	13
Hoshangabad	11	13	11	13
Narsinghpur	11	13	11	13
Average for Hoshangabad	11	13	11	13
Nimar	12	14	...	...
Betul	11	12	11	12
Chhindwara	11	12	11	12
Seoni	11	13	11	13
Average for Chhindwara	11	12·6	11	12·6
Wardha	13	14	13	14
Nagpur	13	13	13	13
Chanda	12	13	12	13
Bhandara	13	14	13	14
Balaghat	10	14	12	14
Drug	13	14	13	14
Raipur	12	14	12	14
Bilaspur	13	16	13	16
Average for Central Provinces	12·4	14·4	12·3	13·7
Akola	11·2	10·5	...	...
Amraoti	10·2	11	...	...
Buldana	9·2	10·6	...	9·5
Yeotmal	12	10	...	...
Average for Berar	11·6	10·4	...	9·5
Average for the Central Provinces and Berar	12·3	14·4	12·3	13·7
Estimated outturn for 1937-38	...	...	(a) 1,568,400	1,780,600
Estimated outturn as given in the final forecast	...	...	(b) 1,652,100	1,764,800

(a) Both transplanted
 (b) *Vide* final forecast
 (c) Do. do.
 (d) Do. do.

the total produce in each district of the Central Provinces and Berar during ending the 31st May 1938.

crops

Juar		Tur		Kodon and kutki		Til	
Year of report	Previous year	Year of report	Previous year	Year of report	Previous year	Year of report	Previous year
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
12	11	8	6	12	12	11	12
12	11	8	6	12	12	11	12
12	11	8	6	12	12	11	12
12	12	10	6	12	13	12	12
11	13	10	4	12	13	10	13
10	10	12	9	9	11	11	11
10	10	12	9	9	11	11	11
10	12	12	9	9	11	11	11
12	9	12	10	10	10	12	12
<hr/>							
10	11	10	9	11	10	11	11
10	11	8	10	10	12	12	11
10	10	10	10	10	12	12	12
10	10.6	8	10	10	12	12	11.5
11	11	10	7	12	12	12	12
11	10	10	4	13	13	11	10
12.5	12	12	7	12	14	12	10
<hr/>							
12	12	8	4	12	12	13	13
12	12	10	5	12	13	11	13
13	12	12	12	13	13	12	12
12	10	12	10	12	12	13	12
13	14	13	9	10	13	14	14
<hr/>							
11.7	10.6	10.6	7.9	11.4	12.1	11.5	11.4
<hr/>							
10.4	9	9.6	8.7	9.9	10	9.7	10
13.3	10.5	11.3	10	8	10	12	13
9.7	8.8	9.3	9.4	10.2	8	9.4	10.4
13	9	10	9	9	11	11	11
<hr/>							
11.7	9.3	10.1	9.3	8.5	10.0	10.7	11.1
<hr/>							
11.7	10	10.4	8.4	11.4	12.0	11.4	11.3
<hr/>							
1,021,300	1,014,600	95,300	85,700	144,500	158,000	39,200	37,800
<hr/>							
(c) 1,108,300	960,800	...	...	...	...	(d) 40,000	36,300

and broadcast.
dated the 12th December 1937.
dated the 12th February 1938
dated the 23rd December 1937.

STATEMENT V.—Showing the outturn in anna notation and the total during the agricultural year ending

District	Kharif crops					
	Cotton		Sugarcane		Wheat	
	Year of report	Previous year	Year of report	Previous year	Year of report	Previous year
(1)	(14)	(15)	(16)	(17)	(18)	(19)
Saugor	11	11	12	15	12	11
Damoh	11	11	12	15	12	11
Average for Saugor	11	11	12	15	12	11
Jubbulpore	11	12	13	14	11	9
Mandla	11	11	13	13	11	9
Hoshangabad	8	9	13	14	10	11
Narsinghpur	8	9	13	14	10	11
Average for Hoshangabad	8	9	13	14	10	11
Nimar	10	11	14	13	12	11
Betul	10	10	12	11	10	10
Chhindwara	8	10	13	11	9	11
Seoni	8	10	13	14	9	10
Average for Chhindwara	8	10	13	14	9	10.6
Wardha	9	9	12	11	11	11
Nagpur	9	8.6	13	13	9	7
Chanda	12	10	13	15	13	10
Bhandara	12	12	13	14	11	10
Balaghat	12	12	15	15	12	10
Drug	13	13	13	14	12	11
Raipur	12	13	16	16	11	12
Bilaspur	15	15	15	16	14	11
Average for Central Provinces	9.5	9.7	13.6	14.2	10.8	10.2
Akola	8.5	10	11.5	11.7	11.2	10.7
Amraoti	9.5	13	13.3	13	10.5	13.3
Buldans	8.1	10.8	11.4	12	10.4	11.4
Yeotmal	10	9	12	12	11	10
Average for Berar	9.0	10.7	11.8	12.0	10.8	11.4
Average for the Central Provinces and Berar	9.2	10.4	13.5	14.1	10.8	10.4
Estimated outturn for 1937-38.	727,200	895,100	50,680	50,600	6,28,800	599,600
Estimated outturn as given in the final forecast.	(a) 725,700	826,800	(b) 50,470	47,670	(c) 679,200	609,300

(a) *Vide* final forecast, dated
 (b) Do. do.
 (c) Do. do.
 (d) Do. do.

produce in each district of the Central Provinces and Berar
the 31st May 1938—concl'd.

Rabi crops						Percentage representing proportion which the year's produce of these crops bears to the normal outturn upon their normal area.	
Gram		Masur		Linseed		Year of report (26)	Previous year (27)
Year of report (20)	Previous year (21)	Year of report (22)	Previous year (23)	Year of report (24)	Previous year (25)		
12	12	12	10	12	12	91	86
12	12	12	10	12	12	90	92
12	12	12	10	12	12	91	88
10	10	10	7	11	10	82	81
11	8	11	7	10	10	86	86
9	10	11	10	11	12	74	79
9	10	10	10	11	12	73	79
9	10	11	10	11	12	74	79
12	13	12	13	12	13	82	81
10	8	10	8	11	10	76	76
11	8	11	8	11	10	71	77
11	8	11	6	9	9	76	77
11	8	11	7	9.3	9.4	73	77
11	8	11	8	12	13	75	70
10	9	10	9	10	9	73	63
10	8	8	10	13	10	96	88
10	10	10	10	11	10	95	99
12	9	12	9	10	10	87	105
12	12	12	12	11	8	97	97
12	13	12	10	11	12	87	97
13	10	10	9	13	11	97	112
10.5	9.9	10.7	8.7	11.2	10.4	85	88
9.7	9.5	9.9	10	9.9	10.5	73	68
9.7	11	7.2	10	10.5	13.3	80	84
9.8	9.5	9.5	8.9	10.0	10.4	65	72
13	9	10	10	11	10	85	62
9.8	9.5	9.2	9.8	10.5	10.7	75	71
10.4	9.9	10.6	8.7	11.2	10.4	83	83
223,200	209,500	51,700	51,400	105,900	87,800	...	...
...	...	...	...	(d) 102,700	85,800	...	...

the 19th February 1938.

the 26th January 1938.

11th May 1938.

do.

STATEMENT VI.—Showing the harvest prices of principal crops in year ending the

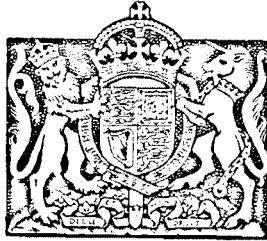
District	Rice common (cleaned)		Juar		Cotton (ginned)		Kodion and kutki (cleaned)	
	February 28th, 1937		February 28th, 1938		February 28th, 1938		February 28th, 1938	
	Whole-sale price per maund of 40 seers	Retail price in seers per rupee	Whole-sale price per maund of 40 seers	Retail price in seers per rupee	Whole-sale price per maund of 40 seers	Retail price in seers per rupee	Whole-sale price per maund of 40 seers	Retail price in seers per rupee
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Rs. a.		Rs. a.		Rs. a.		Rs. a.	
Saugor	{ 1937-38 ... 3 5	11 0	{ 1937-38 ... 2 4	16 0	...	...	...	...
	{ Normal ... 6 12	5 7	{ Normal ... 3 10	9 3	...	...	...	...
Damoh	{ 1937-38 ... 3 8	12 4	{ 1937-38 ... 2 2	18 0	...	...	...	14 6
	{ Normal ... 6 10	6 0	{ Normal ... 3 8	19 9	...	...	...	...
Jubbulpore	{ 1937-38 ... 3 1	12 0	{ 1937-38 ... 2 3	17 5	...	...	...	...
	{ Normal ... 5 12	6 0	{ Normal ... 3 12	10 2	...	...	...	...
Mandla	{ 1937-38	12 4	...	...	...	...	...	16 5
	{ Normal ... 6 0	5 4	...	...	...	...	...	8 9
Hoshangabad	{ 1937-38 ... 3 10	10 2	{ 1937-38 ... 2 10	13 8	...	...	...	...
	{ Normal ... 7 0	5 3	{ Normal ... 4 0	9 3	34 0	...	...	...
Narsinghpur	{ 1937-38 ... 3 4	12 0	{ 1937-38 ... 2 2	...	...	...	...	...
	{ Normal ... 6 12	5 8	{ Normal ... 3 12	9 7	...	...	...	...
Nimar	{ 1937-38 ... 3 12	10 6	{ 1937-38 ... 3 0	13 4	15 0	...	...	...
	{ Normal ... 7 6	5 2	{ Normal ... 4 4	8 9	33 12	...	...	...
Betul	{ 1937-38	11 5	{ 1937-38 ... 2 9	14 0	...	...	...	11 8
	{ Normal ... 7 0	5 5	{ Normal ... 3 12	10 2	...	...	...	7 8
Chhindwara	{ 1937-38	10 3	{ 1937-38 ... 2 8	14 7	...	...	...	15 8
	{ Normal ... 5 10	6 4	{ Normal ... 3 10	10 6	...	...	...	7 5
Seoni	{ 1937-38	13 0	...	...	...	...	...	15 5
	{ Normal ... 5 8	7 8	{ Normal ... 3 10	10 3	...	...	...	9 0
Wardha	{ 1937-38 ... 3 6	11 7	{ 1937-38 ... 2 4	17 3	14 15	...	...	...
	{ Normal ... 6 4	6 2	{ Normal ... 4 0	9 5	33 10	...	...	...
Nagpur	{ 1937-38 ... 3 3	10 3	{ 1937-38 ... 2 7	14 7	13 14	...	...	...
	{ Normal ... 5 14	6 4	{ Normal ... 4 0	9 3	33 4	...	...	...
Chanda	{ 1937-38 ... 3 10	10 5	{ 1937-38 ... 1 14	17 2	15 10	...	...	...
	{ Normal ... 6 4	6 4	{ Normal ... 3 14	9 6	33 12	...	...	...
Bhandara	{ 1937-38 ... 2 14	13 1	{ 1937-38 ... 2 5	16 6	...	...	...	...
	{ Normal ... 5 8	6 8	{ Normal ... 3 12	10 0	...	...	...	...
Balaghat	{ 1937-38 ... 2 3	13 6	...	...	...	...	...	20 2
	{ Normal ... 5 10	7 4	...	...	...	...	...	11 5
Drug	{ 1937-38 ... 2 7	15 9	...	...	...	...	...	23 2
	{ Normal ... 5 0	7 2	...	...	...	...	3 8	12 1
Raipur	{ 1937-38 ... 2 7	15 0	...	...	...	...	...	...
	{ Normal ... 5 4	7 2	...	...	...	...	...	...
Bilaspur	{ 1937-38 ... 2 6	16 0	...	...	...	...	...	...
	{ Normal ... 4 14	7 5	...	...	...	...	...	...
Akola	{ 1937-38	11 5	{ 1937-38 ... 2 12	13 3	14 5	...	...	...
	{ Normal ... 6 8	6 2	{ Normal ... 3 10	10 0	31 14	...	...	...
Amraoti	{ 1937-38 ... 3 4	11 3	{ 1937-38 ... 2 4	16 0	13 10	...	...	...
	{ Normal ... 6 10	6 3	{ Normal ... 4 0	9 5	32 0	...	...	...
Buldana	{ 1937-38 ... 4 6	8 2	{ 1937-38 ... 2 3	15 8	13 14	...	...	...
	{ Normal ... 6 10	5 3	{ Normal ... 3 6	10 0	31 8	...	...	...
Yeotmal	{ 1937-38 ... 3 14	10 3	{ 1937-38 ... 1 14	21 0	14 4	...	...	...
	{ Normal ... 6 8	6 5	{ Normal ... 3 10	9 9	32 2	...	...	...

1 seers = 80 tolas.

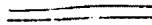
each district of the Central Provinces and Berar, during the agricultural 31st May 1938.

Wheat		Gram		Til		Linseed	
May 31st, 1938		May 31st, 1938		February 28th, 1938		May 31st, 1938	
Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Rs. a.	n.	Rs. a.	n.	Rs. a.	n.	Rs. a.	n.
2 6	15 0	2 5	16 0	5 0	8 8	4 4	...
5 0	7 7	3 10	9 9	7 12	5 6	7 8	6 0
2 6	16 8	1 15	20 0	...	9 0	4 1	13 3
5 0	7 9	3 10	10 0	6 10	5 3	7 0	5 7
2 8	15 0	2 6	16 0	4 0	6 8	4 3	10 0
5 0	7 5	3 8	10 8	8 2	4 3	7 4	5 0
2 11	13 5	2 4	15 5	3 6	7 7	4 2	...
5 2	7 7	3 12	16 3	5 1	5 0	5 4	...
2 15	11 8	2 15	12 1	5 3	7 5	...	8 9
5 0	7 1	4 6	8 8	7 15	4 9	7 2	5 4
2 4	14 8	2 8	15 7	4 12	9 2	4 1	9 6
4 12	7 4	3 12	9 0	7 6	5 3	6 14	5 6
3 10	11 2	3 2	12 8	5 0	7 5	3 11	8 0
5 10	6 8	4 8	8 5	8 4	...	...	...
3 4	12 4	2 12	14 3	5 0	...	...	...
5 2	8 0	4 2	9 4	8 1	4 0	7 2	...
3 3	12 8	2 11	15 0	...	6 6	...	10 4
4 12	7 8	4 2	9 8	7 12	4 7	6 10	5 2
2 6	16 0	2 12	14 5	...	9 0	...	10 0
4 14	7 6	4 0	9 5	...	4 9	7 8	5 5
3 9	11 2	3 2	12 4	5 5	7 5	4 10	8 5
5 8	7 0	5 4	7 3	8 0	4 3	6 14	5 5
3 6	11 3	3 3	11 9	5 8	4 9	5 2	...
5 8	6 8	4 8	8 1	8 12	4 3	7 12	5 8
3 15	9 0	...	9 6	5 5	6 6	5 0	7 0
5 12	7 0	5 2	7 5	8 5	4 5	7 6	5 0
3 6	11 3	3 6	11 3	5 5	...	4 8	...
5 0	7 5	4 8	8 2	8 10	3 5	7 4	5 4
...	12 3	...	13 5	...	7 3	...	10 3
...	7 1	...	8 5	...	4 8	6 0	5 7
2 8	15 6	2 6	16 3	4 4	9 1	3 15	9 5
4 8	8 1	3 14	9 2	7 3	5 3	6 10	6 0
2 12	13 4	2 8	14 6	3 14	8 9	4 1	9 3
4 10	7 8	4 1	8 7	6 10	5 0	6 10	5 9
2 9	14 5	2 8	15 5	7 7	7 0	3 7	11 0
4 8	8 5	4 2	8 8	6 11	5 0	5 12	6 9
3 13	9 9	3 3	12 0	7 8	...	...	...
5 12	6 0	4 8	7 5	9 4	...	8 0	...
3 14	10 0	3 8	11 0	6 6	5 9	...	9 5
6 0	6 0	5 4	7 3	9 1	...	7 14	...
3 6	11 0	3 5	12 1	5 13	6 7	4 2	8 0
5 12	6 4	4 12	8 0	8 7	...	7 4	...
3 1	11 5	3 6	11 0	5 9	6 5	5 0	8 0
6 0	6 8	5 10	7 4	8 0	...	7 4	...

GOVERNMENT OF THE
CENTRAL PROVINCES AND BERAR
DEPARTMENT OF LAND RECORDS



Season & Crop Report
of the
Central Provinces & Berar
for the year ending the
31st May 1939



NAGPUR
GOVERNMENT PRINTING, C. P. & BERAR
1940

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SEASON AND CROP REPORT OF THE CENTRAL PROVINCES AND BERAR FOR THE YEAR ENDING THE 31ST MAY 1939

[*Note.*—Figures within square brackets represent the corresponding figures of the previous year.]

The area to which these returns relate covers all villages which have been surveyed for land records purposes and is 37,977,920 acres in the Central Provinces and 11,378,666 acres in Berar. These areas together show a slight decrease of 15,722 acres which is mostly owing to the afforestation of 17,188 acres of the Rajoli zamindari forest in the Bhandara district (*vide* Forest Department's Notification No. 11 II-432-XI, dated the 15th September 1938).

I.—CHARACTER AND PROGRESS OF THE SEASON

2. The monsoon of 1938 set in early in the beginning of June and yielded fairly heavy rain throughout the province till the 25th of the month. Kharif sowings commenced towards the middle of June and the timely break in the rains towards the end of the month helped their completion during the month. This short break was followed by heavy and continuous rainfall all over the province during the greater part of July. The sowing of *juar* was hampered in parts of Berar and in Wardha district and resowing was necessary over only small areas in Nimar, Betul, Nagpur, Balaghat and Buldana districts owing to defective germination. The interruption of field operations encouraged abundant growth of weeds. Transplantation and thinning of rice were not interrupted. Light to moderate rainfall with intermittent sunshine in the first three weeks of August enabled sowing, transplanting and other field operations to be completed and promoted the healthy growth of standing crops. The monsoon current became again vigorous by the end of August and yielded heavy showers in most districts.

The weather continued to be wet in the Nagpur country and in the districts of Chhattisgarh division in the early part of September and was followed by seasonable weather with intermittent light to moderate showers of rain throughout the province. The rainfall was generally ample and

well distributed but more rain was required for late rice in Drug and Raipur districts. Occasional breaks with bright sunshine afforded an excellent opportunity for the completion of the weeding and intercultural operations and stimulated the growth of crops, specially those affected by excessive moisture. Insect-pests caused slight damage to juar in parts of Chhindwara, Akola and Amraoti and to rice in Mandla, Chhindwara, Balaghat and Bilaspur districts.

October opened with beneficial rainfall in the first week but its continuance in the second week proved harmful to cotton and hampered the sowings of rabi and harvesting of light rice and other millets, which were, however, resumed in the second half of the month when the weather was clear and bright. Germination of rabi crops was successful and picking of cotton also commenced in this month. At this stage the outturn of rice was anticipated to be slightly above normal and that of cotton about 84 per cent of the normal and the conditions for rabi crops were also favourable but the abrupt cessation of the monsoon after the middle of October and the absence of winter rains in November, December and most of January adversely affected late kharif and rabi crops. Rabi crops were stunted and uneven. There was also very little dew and the prevalence of cloudy weather in November and December coupled with a cold-wave in the beginning of January damaged the flowering tur, other rabi pulses and til. Hail in the first and third weeks of February and in the second fortnight of March caused some further damage to the standing rabi crops and the late-sown wheat in places in Jubbulpore and Mandla districts was affected by rust and caterpillars. The combined effect was considerably to reduce the yield of rabi crops, particularly in the Nagpur and Berar divisions.

Summer field operations were carried out in April when only occasional light showers of rain were received and in May which was rainless. The agricultural season of 1938-39 was on the whole fair over a large part of the province but in the cotton country it was disappointing, particularly so because it followed a previous bad season for cotton. The kharif season was characterised by the excessive rainfall of the early monsoon which had the effect of reducing the yield of kharif crops other than rice. The rains in October encouraged rabi sowings and gave hopes of a good rabi season; but unfortunately the failure of later rains, absence of adequate dew, cloudy weather,

insect-pests and hail affected the yield of spring crops which fell short of expectations. In the Central Provinces the total outturn of crops as given by district officers stood at 86 per cent [85 per cent] of the average yield, while in Berar, it was 66 per cent [75 per cent].

3. The average rainfall during the year for the Central Provinces as a whole was 57.34" and for Berar 43.67" as compared with the 71 years' averages of 49.20" and 34.79", respectively. The total rainfall was in excess by 1 to 39 per cent of the average in all districts except Narsinghpur sub-division (Hoshangabad district), where it was in deficit by 18 per cent.

II.—AREA OCCUPIED FOR CULTIVATION

4. Statements II-A and II-B.—The areas occupied for cultivation in each division since 1933-34 are compared in the following table :—

Division	Thousands of acres					
	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Jubbulpore ..	7,828	7,801	7,785	7,790	7,800	7,807
Nagpur ..	7,795	7,798	7,800	7,806	7,813	7,812
Chhattisgarh ..	8,291	7,965	7,966	7,973	7,981	7,998
Total for Central Provinces.	23,914	23,564	23,551	23,569	23,594	23,671
Berar ..	8,317	8,317	8,324	8,328	8,335	8,332
Total for the Central Provinces and Berar.	32,231	31,881	31,875	31,897	31,929	31,949

The increase of 23,000 acres in the total occupied area in the Central Provinces proper is mainly shared by the Chhattisgarh division owing to the succession of several favourable seasons for rice and to a smaller extent by the Jubbulpore division. The slight fall of 3,000 acres in the occupied area in Berar is owing to adverse climatic conditions and is temporary.

5. Area under crop.—The following table shows by divisions the areas under crop in each year since 1933-34 :—

Division	Thousands of acres.					
	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Jubbulpore ..	5,628	5,508	5,504	5,628	5,610	5,605
Nagpur ..	5,917	5,888	5,808	5,847	5,786	5,675
Chhattisgarh ..	6,819	6,376	6,400	6,539	6,563	6,612
Total for Central Provinces	18,364	17,772	17,712	18,014	17,959	17,892
Berar ..	6,624	6,659	6,589	6,580	6,579	6,477
Total for the Central Provinces and Berar.	24,988	24,431	24,301	24,594	24,538	24,369

The total decrease in the net cropped area was 169,000 acres. The position in different divisions as compared to the previous year is shown below :—

	1937-38	1938-39
	Acres	Acres.
Jubbulpore ..	—18,000	—5,000
Nagpur ..	—61,000	—111,000
Chhattisgarh ..	+24,000	+49,000
Berar ..	—1,000	—102,000

The shrinkage in the Jubbulpore and Nagpur divisions is shared by all districts except Saugor, Mandla, and Betul; the noteworthy shrinkages being—

50,000 acres in Nagpur,
37,000 acres in Chanda (khalsa) and
21,000 acres in Hoshangabad.

In the districts of Chhattisgarh division, except Bhandara, the steady increase in the net cropped area, which is now slightly above the normal area has been maintained owing to a succession of favourable seasons for rice.

In Berar, following the fall of nearly 90,000 acres in the previous three years, the further drop of over a lakh of acres (Akola—53,000, Amraoti—20,000, Buldana—25,000 and Yeotmal—4,000 acres) during the year under report is mainly owing to the increase in the area of current fallow owing to the combined effect of climatic conditions unfavourable for cotton and the continued slump

in prices as a result of which cultivators concentrated on better soils and devoted lands on the margin of cultivation to grass.

6. Current and old fallows.—The variations under current fallow and the total area out of cultivation but included in holdings (old fallow) resulting from the contraction in cropping as compared with last year are given below:—

	Current fallow Acres	Old fallow Acres
Jubbulpore division ..	+5,300	+6,978
Nagpur ..	+68,286	+41,729
Chhattisgarh ..	—29,934	—2,272
Berar ..	+101,453	+3,257

In the Central Provinces proper, the new fallow area increased by 43,652 acres and the old fallow (land out of cultivation for more than three years) by 46,435 acres and in Berar by 101,453 and 3,257 acres, respectively. The total fallow land in the province has thus increased by 195,000 acres. Most of this expansion in the fallow areas is owing to unfavourable climatic conditions and is temporary.

7. Double cropping.—In the Central Provinces and Berar together the double cropped area increased by 320,624 acres or 12 per cent; Chhattisgarh division alone, where double cropping is important, contributed 263,225 acres towards the increase. The expansion is also shared by other divisions and is ascribed to a greater degree of moisture in the soil when the second crop was sown.

III.—CROPPED AREA OF THE YEAR

8. Statement III-A—Kharif area.—The area sown with kharif crops in the Central Provinces rose by 145,691 acres or 1 per cent. The increase is shared by all districts except Nimar, Nagpur and Chanda and is largely under kodon-kutki and pulses and to a smaller extent under juar and rice. In the Jubbulpore division the net increase of 55,578 acres is partly at the expense of rabi in Saugor and Hoshangabad districts and in the Chhattisgarh division the expansion of 91,892 acres is mainly contributed by Drug, Raipur and Bilaspur districts.

In the four districts of the Berar division the kharif area dropped by 111,077 acres on account of the fall in the area under cotton. •

9. Rice.—The area of 5,794,340 acres under rice in the Central Provinces and Berar again shows an increase of 30,800 acres over the previous year which was a peak year since 1899-1900. This slight increase is owing to a succession of favourable seasons for the crop.

10. Juar.—Juar (kharif and rabi) and juar-tur in the Central Provinces and Berar covered an area of 4,456,824 acres—an increase of 98,305 acres or 2 per cent over last year. The increase is owing to a temporary change-over to cotton.

11. Cotton.—The area sown with cotton and its mixtures in the Central Provinces and Berar fell from 4,173,568 acres to 3,771,167 acres or by 10 per cent as a result of heavy and continuous rain of the early monsoon and low prices. The shrinkage is shared by all the important cotton growing districts except Wardha where the area increased by 3 per cent.

12. Til.—Conditions at sowing were generally favourable to the kharif variety, but not to rabi owing to continuous rains. The area for the province as a whole decreased from 482,840 acres to 438,084 acres or by 9 per cent. The decrease in the area under the rabi variety of 9,098 acres in Wardha, 17,617 acres in Nagpur and 30,420 acres in Chanda account for a large proportion of this decrease.

13. Rabi area.—The decrease of 124,433 acres shared by Damoh sub-division (Saugor), Jubbulpore, Hoshangabad and the districts of the Nagpur division was more than counterbalanced by the increase of 218,673 acres in the districts of the Chhattisgarh division except Bhandara, mainly owing to the expansion in the area under utera-linseed and rabi pulses sown as a second crop after rice. The net result was that the rabi area in the Central Provinces proper increased by 94,240 acres or 1 per cent. In Berar, except Akola, the rabi area increased by 3 per cent at the expense of cotton. The percentage of variation in different divisions was as follows :—

Division	Above (+) or below (—) the area of 1937-38.		Above (+) or below (—) the average of the preceding five years.	
	Per cent	Per cent	Per cent	Per cent
Jubbulpore ..	—1	+2	—1	+2
Nagpur ..	—4	—1	—4	—1
Chhattisgarh ..	+7	+6	+7	+6
Berar ..	+3	+11	+3	+11

14. **Wheat and wheat-gram.**—The area occupied by wheat and wheat-gram (birra) was 3,642,061 or 17,722 acres more than in the previous year. All districts except Damoh sub-division (Saugor), Hoshangabad, Wardha, Nagpur, Bhandara, Balaghat and Akola contributed towards the increase.

15. **Linseed and linseed-gram.**—The area placed under linseed and linseed-gram in the Central Provinces and Berar again rose this year from 1,312,228 acres to 1,325,210 acres. The increase of 12,982 acres was in the broadcast (utera) variety sown as a double crop which more than counterbalanced the decrease of 6,386 acres in the drilled (bota) variety sown as a sole crop.

IV.—IRRIGATED AREA OF THE YEAR

16. The monsoon being copious there was less necessity for artificial watering in the rice country where irrigation is important. Consequently, the irrigated area for the province as a whole fell by 204,203 acres or 16 per cent. The noteworthy fall of 99,726 acres in the Bilaspur district followed the rise of 93,171 acres in the previous year. In the districts of Jubbulpore, Nagpur and Berar divisions, except Seoni sub-division (Chhindwara), Chanda and Yeotmal, the irrigated area increased owing to the abrupt cessation of the monsoon and absence of winter showers, which necessitated artificial watering on a large scale. The failure to renew irrigation agreements was also a contributing factor in the fall in the irrigated area.

V.—OUTTURN PER ACRE AND PRODUCE

17. **Statement V—Autumn crops—Rice (standard outturn 661 lbs. per acre of cleaned rice).**—The seasonal conditions were on the whole favourable for rice though insect-pests, caused slight damage to crops in parts of Mandla, Chhindwara, Balaghat and Bilaspur districts. In Saugor, Balaghat, Drug, Raipur and Bilaspur districts a 14-anna crop (105 per cent) was reaped, while in the remaining districts it ranged from 11 annas to a normal crop except Buldana and Yeotmal where it was 10.5 annas. For the province as a whole, the outturn was 13.6 annas or 102 per cent of the normal, [12.3 annas or 92.2 per cent] and the yield was 1,724,600 tons [1,568,400 tons].

18. **Juar (standard outturn 652 lbs. per acre).**—The heavy and continuous rainfall in June and July delayed the sowings of kharif juar in parts of Wardha, Nagpur and Yeotmal districts, while the subsequent wet weather in

August and early September interfered with weeding and inter-cultural operations and stunted the growth of plants which presented an unhealthy appearance in low-lying and water-logged areas. The useful breaks with sunshine in September improved the condition to some extent, while rain in the first half of October proved beneficial to the crop, especially in Berar, and also left adequate moisture in the soil for the sowings of rabi juar. The absence of winter showers and occasional cloudy weather marred the prospects of the latter variety and reduced its yield. The combined outturn for the province as a whole was 9.9 annas or 74 per cent of the normal [11.7 annas or 87.8 per cent] and the yield was 928,700 tons [1,061,300 tons].

19. Cotton (Standard outturn 102 lbs. of cleaned cotton per acre).—Cotton suffered more than juar from the heavy and continuous rainfall in June and July. The damage caused to the crop on heavy soils and water-logged areas was irreparable and most of these areas had therefore to be ploughed up. By the opportune break in the first three weeks of August the condition of the crop improved to some extent, but the subsequent fairly heavy showers in the last week of August and the beginning of September caused another set-back. The weather became seasonable thereafter and much of the lost ground was regained and a normal outturn was expected but the heavy and untimely rain in the first two weeks of October followed by dry and sunny weather caused much shedding of flowers, buds and bolls resulting in considerable damage to the crop. The provincial yield was therefore reduced to 7.6 annas or 57 per cent [9 annas or 67.5 per cent] with a yield of 546,600 bales [712,290 bales]. The total number of bojas ginned during the year amounted to 475,389 bales which is 13 per cent less than the estimated yield.

20. Tur (Standard outturn 400 lbs. per acre).—Tur fared slightly better than juar, though it suffered from the inclement weather in October and November when it was in flower. The outturn for the province as a whole averaged 11.2 annas or 84 per cent [10.4 annas or 78 per cent].

21. Til (Standard outturn 210 lbs. per acre).—Both kharif and rabi til suffered from unfavourable weather conditions but to a smaller extent than juar. The combined outturn for the province as a whole was 11.2 annas or 84 per cent [11.4 annas or 85.5 per cent].

22. **Kodon-kutki (Standard outturn 520 lbs. per acre).**—These crops are extensively grown in the backward tracts of Betul and Chhindwara and in the districts of Jubbulpore and Chhattisgarh divisions except Nimar and Bhandara. Being hardy and generally grown on light well-drained soils, they fared reasonably well and the provincial outturn averaged 12.6 annas or 94.5 per cent [11.4 annas or 85.5 per cent].

23. **Spring crops—Wheat (Standard outturn 561 lbs. per acre).**—Sowings were made under suitable soil conditions and germination was generally successful. To begin with, prospects were good but the subsequent prolonged drought and absence of winter showers in November, December and most of January stunted the growth of plants. The crop on light soil and the late-sown crop tended to wither in certain areas, while rain accompanied by hail towards the end of January and in the beginning of February and March damaged the crop to a varying extent. The provincial outturn was, therefore, reduced to 10.4 annas or 78 per cent [10.8 annas or 81 per cent] with a yield of 672,100 tons [672,800 tons].

24. **Gram (Standard outturn 537 lbs. per acre).**—The seasonal conditions affected gram more than wheat and the provincial outturn therefore stood at 9.3 annas or 70 per cent [10.4 annas or 78 per cent].

25. **Linseed (Standard outturn 219 lbs. per acre).**—Sowings were made under favourable conditions and germination was mostly successful. The crop fared slightly better than wheat though it suffered from cloudy weather and absence of winter showers. Hail also caused some damage during its ripening. For the province as a whole, the outturn was the same as last year and averaged 11.2 annas or 84 per cent.

26. **Yield of the year.**—Columns 26 and 27 of statement V show how the total production of the principal crops in each district in 1937-38 and 1938-39 compares with the normal outturn (represented by 100) on a normal area. The production figure in Balaghat, Drug, Raipur and Bilaspur was slightly above normal and in Saugor and Mandla slightly below it. In the remaining districts, the yield varied from 51 in Nagpur to 86 per cent in Bhandara and the provincial yield worked out to 81 per cent [83 per cent].

27. Comparison of outturns as given in statement V with those reported in forecasts.—Forecasts are published for the following crops :—

- | | |
|----------------|-----------------------|
| (1) Rice. | (6) Wheat. |
| (2) Til. | (7) Linseed. |
| (3) Juar. | (8) Castor. |
| (4) Cotton. | (9) Rape and mustard. |
| (5) Sugarcane. | (10) Groundnut. |

The forecasted yield for these crops except castor, rape and mustard and groundnut is compared at the foot of statement V with the finally revised yield based on the actual areas and modified percentages of the year.

VI.—PRICES, TRADE AND STOCK

28. The harvest prices of principal commodities given in statement VI show that on an average the wholesale prices of rice, juar, cotton, wheat and til fell by 4, 3, 16, 4 and 7 per cent, respectively, while those of gram and linseed rose by 11 per cent each, as compared with the harvest prices in the previous year. The average retail rate per rupee of rice was 12.7 seers [11.9 seers], of juar 17.4 seers [16 seers], of kodon-kutki 18.1 seers [16.8 seers], of wheat 13.5 seers [12.7 seers], of gram 12.8 seers [13.8 seers], of til 7.8 seers [7.5 seers] and of linseed 9.2 seers [9.3 seers].

The following table compares the prices of cotton prevailing in the important cotton-growing districts of the province during the year under report with those of the previous year and the averages of the preceding five years.

Districts	Price per bale of 392 lb.			Variation	
	Average of the five years ended 1936-37	In 1937-38	In 1938-39	As compared with the average in column 2	As compared with the prices in 1937-38
(1)	(2)	(3)	(4)	(5)	(6)
	Rs. as.	Rs. as.	Rs. as.	Per cent	Per cent
Nimar ..	89 2	73 8	60 0	—33	—18
Wardha ..	82 2	73 3	64 15	—21	—11
Nagpur ..	85 11	68 0	59 2	—31	—13
Akola ..	81 4	70 2	59 8	—27	—15
Amraoti ..	86 2	66 12	54 13	—36	—18
Buldana ..	83 3	68 0	60 15	—27	—10
Yeotmal ..	83 15	69 13	55 2	—34	—21

29. Food-stocks and grain trade.—The food grains for which standard outturns have been fixed are rice, juar, wheat, gram, tur, kodon-kutki and masur. The estimated yield of these crops for the year under report amounted to 3,842,300 tons [3,817,200 tons]. Besides these, there were 3,189,700 acres [2,906,200 acres] under other cereals and pulses for which no forecasts are prepared and consequently statistics relating to the estimate of production are not collected for them. The figures of exports and imports of food-grains by railway during the year ending the 31st March 1939 indicate that there was a net export of 330,200 tons [290,000 tons] of cereals and pulses.

30. In the following table the total valuation of certain crops (rice, wheat, juar, gram, til, linseed, cotton, tur, masur and kodon-kutki) for which data are available is compared by division with the land revenue demand:—

Division	1937-38		1938-39	
	Value of crops	Revenue	Value of crops	Revenue
(1)	(2)	(3)	(4)	(5)
In lakhs of rupees.				
Jubbulpore ..	7,30	51	7,06	50½
Nagpur ..	8,10	42½	6,62	42
Chhattisgarh ..	10,88	40½	12,02	42½
Total for the Central Provinces.	26,28	1,33½	25,70	1,34½
Berar ..	8,92	98½	7,66	97
Total for the Central Provinces and Berar.	35,20	2,32½	33,36	2,31½

The appreciable fall in the value of crops in the Nagpur and Berar divisions by 148 and 126 lakhs of rupees, respectively, is owing to low outturns of cotton and rabi crops and to the slump in prices, particularly of cotton. The provincial value therefore has again declined by 184 lakhs of rupees as compared with last year.

VII.—AGRICULTURAL STOCK

31. The number of live-stock in the Central Provinces and Berar separately has been compared with that of the last two years in the following statement. Young

stock (calves and buffalo calves) shows an increase of 8 per cent in the Central Provinces proper. The number of sheep in Berar increased by 38 per cent as compared with last year and was nearly equal to the number in 1935-36. There were only slight fluctuations under other heads.

Classes	Total for 1935-36	1936-37		
		Total	Difference	Per cent
(1)	(2)	(3)	(4)	(5)
<i>Central Provinces.</i>				
Bulls and bullocks ..	3,364,980	3,348,334	-16,646	..
Cows ..	2,538,933	2,528,086	-10,847	..
Male buffaloes ..	475,921	482,877	+6,956	+1
Cow buffaloes ..	573,058	576,085	+3,027	+1
Young stock ..	3,083,752	3,189,822	+106,070	+3
Sheep ..	210,170	201,852	-8,318	-4
Goats ..	922,095	887,332	-34,763	-4
Horses and ponies ..	93,406	88,453	-4,953	-5

<i>Berar.</i>				
Bulls and bullocks ..	751,499	752,681	+1,182	..
Cows ..	527,854	534,834	+6,981	+1
Male buffaloes ..	16,424	16,177	-247	-1
Cow buffaloes ..	222,754	216,729	-6,025	-3
Young stock ..	677,609	691,354	+13,745	+2
Sheep ..	93,658	78,691	-14,967	-16
Goats ..	358,489	321,242	-37,247	-10
Horses and ponies ..	26,189	26,149	-40	..

1937-38			1938-39		
Total	Difference	Per cent	Total	Difference	Per cent
(6)	(7)	(8)	(9)	(10)	(11)

Central Provinces—concl'd.

3,390,578	+42,244	+1	3,379,629	-10,949	..
2,625,885	+97,799	+4	2,571,985	-53,900	-2
497,808	+14,931	+3	508,485	+10,677	+2
585,179	+9,094	+2	599,342	+14,163	+3
3,274,045	+84,223	+3	3,528,364	+254,319	+8
206,924	+5,072	+2	191,180	-15,744	-7
943,864	+56,532	+6	917,211	-26,653	-3
92,247	+3,794	+4	85,750	-6,497	-7

Berar—concl'd.

747,441	-5,240	-1	725,624	-21,817	-3
552,296	+17,462	+3	541,824	-10,472	-2
16,203	+26	..	14,805	-1,398	-9
216,216	-513	..	213,834	-2,382	-1
711,443	+20,089	+3	671,800	-39,643	-6
67,516	-11,175	-14	92,905	+25,389	+38
341,516	+20,274	+6	333,928	-7,588	-2
73,639	-2,510	-9	22,605	-1,034	-4

VIII.—AGRICULTURAL PROSPERITY OR DETERIORATION

32. In the northern districts the year on the whole was slightly better than the previous year with a slight improvement in the kharif area, while in the rice-growing districts of the Chhattisgarh division the gradual extension in cropping has been maintained. The marked decline in cultivation in the cotton country is mainly owing to the reasons set forth in paragraph 2 and is temporary.

IX.—CONDITION OF AGRICULTURAL POPULATION

33. The partial failure of cotton crop for the second year in succession coupled with low prices hit hard the agriculturists in the cotton country and to ameliorate their condition suspensions and remissions of land revenue were granted to the extent of Rs. 25,40,932 and Rs. 4,00,834, respectively. Relief works to provide employment for agricultural labourers were also opened and taccavi loans were given on a liberal scale. The establishment of Debt Conciliation Boards and Land Mortgage Banks also tended to reduce the hardship of the agriculturists.

PARMANAND,

*Director of Land Records,
Central Provinces and Berar.*

NAGPUR :

The 17th September 1939.

STATEMENT I.—Rainfall during the

District	Years	Early monsoon				Late mon-			
		June	July	August	Total	Number of rainy days	September	October	November
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Inches	Inches	Inches	Inches		Inches	Inches	Inches
Saugor ..	1938-39 ..	13.09	14.10	9.82	37.01	50	2.82	7.23	..
	Average for 71 years preceding ..	6.28	15.83	13.70	35.81	43	8.00	1.09	0.58
Damoh ..	1938-39 ..	9.60	7.37	19.21	36.18	48	11.24	2.69	..
	Average for 71 years preceding ..	5.85	14.16	15.05	35.05	39	7.96	1.43	0.48
Jubbulpore ..	1938-39 ..	8.60	22.97	15.73	47.30	62	7.04	4.83	..
	Average for 71 years preceding ..	7.21	19.30	10.33	42.89	48	8.89	1.83	0.55
Mandla ..	1938-39 ..	11.74	25.27	14.06	51.07	57	6.98	6.87	0.01
	Average for 71 years preceding ..	8.11	18.36	14.67	41.14	50	7.82	1.84	0.57
Hoshangabad	1938-39 ..	15.81	23.41	15.52	54.74	65	2.45	4.49	..
	Average for 71 years preceding ..	6.21	15.87	14.93	36.71	43	9.07	1.26	0.60
Narsinghpur	1938-39 ..	8.82	12.29	11.58	32.69	46	3.96	2.92	..
	Average for 71 years preceding ..	6.83	15.37	13.79	35.99	42	8.93	1.53	0.43
Nimar ..	1938-39 ..	15.71	11.23	3.67	30.61	40	0.78	1.30	..
	Average for 71 years preceding ..	5.54	9.60	6.37	21.51	30	6.33	1.29	0.60
Betul ..	1938-39 ..	16.40	13.99	13.72	44.11	54	2.11	6.93	..
	Average for 71 years preceding ..	6.77	13.23	10.72	30.72	40	8.40	1.95	0.61
Chhindwara	1938-39 ..	13.46	11.58	13.53	38.57	53	4.66	5.10	..
	Average for 71 years preceding ..	7.12	11.81	8.25	27.18	32	8.04	2.01	0.66
Seoni ..	1938-39 ..	9.38	14.70	11.28	35.36	51	6.23	6.44	..
	Average for 71 years preceding ..	8.93	15.67	12.56	37.16	48	8.75	2.12	0.65
Wardha ..	1938-39 ..	12.07	16.74	12.53	41.34	39	5.41	3.31	..
	Average for 71 years preceding ..	7.06	11.61	8.90	28.57	31	8.15	2.38	0.67
Nagpur ..	1938-39 ..	13.83	18.23	12.81	44.87	48	5.91	4.87	..
	Average for 71 years preceding ..	8.35	14.07	10.65	33.07	39	8.09	2.32	0.59
Chanda ..	1938-39 ..	10.78	13.67	16.42	40.87	53	7.87	9.50	..
	Average for 71 years preceding ..	7.66	15.81	11.97	35.43	39	9.07	1.88	0.64
Bhandara ..	1938-39 ..	20.05	20.71	21.18	62.94	58	6.88	4.09	..
	Average for 71 years preceding ..	8.81	15.96	14.78	39.55	45	8.92	1.61	0.61
Balaghat ..	1938-39 ..	21.16	18.23	14.20	53.59	59	10.53	4.14	..
	Average for 71 years preceding ..	9.42	21.75	17.52	48.99	53	9.43	2.02	0.57
Drug ..	1938-39 ..	12.46	8.72	11.76	32.94	46	14.26	3.26	0.15
	Average for 71 years preceding ..	8.10	13.34	12.99	34.43	35	7.61	1.80	0.55
Raipur ..	1938-39 ..	18.59	11.99	14.45	45.03	47	9.09	1.68	..
	Average for 71 years preceding ..	9.26	14.80	13.66	37.70	44	8.02	2.06	0.52
Bilaspur ..	1938-39 ..	10.83	18.54	17.09	46.46	53	11.64	2.98	0.21
	Average for 71 years preceding ..	7.80	14.86	13.02	35.68	44	9.22	1.86	0.61
Akola ..	1938-39 ..	10.93	16.17	6.25	33.35	41	4.97	2.23	..
	Average for 71 years preceding ..	5.55	8.82	6.25	20.62	18	5.98	1.93	0.68
Amraoti ..	1938-39 ..	10.16	11.84	11.55	33.55	41	3.64	3.94	..
	Average for 71 years preceding ..	9.20	9.06	6.28	21.73	15	5.54	1.79	0.58
Buldana ..	1938-39 ..	14.05	10.99	6.04	31.08	54	10.05	1.42	0.01
	Average for 71 years preceding ..	6.50	8.79	6.62	21.91	21	6.81	2.26	0.84
Yeotmal ..	1938-39 ..	15.30	13.44	5.46	34.20	47	4.99	3.50	..
	Average for 71 years preceding ..	7.23	12.52	8.85	28.59	23	7.34	2.12	0.68

agricultural year ending the 31st May 1939.

soon		Cold weather					Hot weather					Grand total of the year	Number of rainy days
Total	Number of rainy days	December	January	February	Total	Number of rainy days	March	April	May	Total	Number of rainy days		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
Inches	Inches	Inches	Inches	Inches	Inches		Inches	Inches	Inches	Inches		Inches	
10.05 9.68	12 10	.. 0.47	1.16 0.55	0.08 0.42	1.24 1.45	3 2	0.14 0.32	0.01 0.22	.. 0.43	0.15 0.97	1 2	48.45 47.91	66 57
13.93 9.86	9 11	.. 0.42	1.26 0.49	0.18 0.51	1.44 1.42	4 2	0.30 0.32	.. 0.22	.. 0.35	0.30 0.89	1 2	51.85 48.66	52 53
11.87 11.26	14 10	.. 0.31	1.43 0.74	0.37 0.73	1.80 1.79	4 2	0.70 0.52	0.04 0.33	.. 0.57	0.74 1.42	3 3	61.71 57.38	83 63
13.86 10.22	18 12	.. 0.39	1.23 0.77	2.53 1.01	3.76 2.17	6 3	1.87 0.99	1.07 0.65	.. 0.57	2.94 2.21	7 5	71.63 55.74	88 70
6.94 10.93	9 11	.. 0.47	0.62 0.39	0.01 0.33	0.63 1.19	3 1	0.50 0.20	.. 0.11	.. 0.48	0.59 0.80	2 2	62.91 49.62	77 57
6.88 10.90	11 12	.. 0.34	0.43 0.49	0.02 0.63	0.45 1.46	2 2	0.32 0.49	0.14 0.34	.. 0.34	0.46 1.16	3 3	40.48 49.51	62 58
2.08 8.22	7 10	.. 0.31	0.31 0.32	.. 0.21	0.31 0.84	1 1	.. 0.14	.. 0.11	.. 0.34	.. 0.59	2 1	33.00 31.16	50 42
9.04 10.96	14 15	.. 0.46	1.18 0.55	0.20 0.41	1.38 1.43	1 2	3.31 0.61	.. 0.32	.. 0.44	3.31 1.38	4 3	57.84 44.48	73 59
9.76 10.71	15 13	.. 0.45	0.57 0.66	0.83 0.77	1.40 1.90	4 2	3.30 0.61	0.03 0.41	.. 0.61	3.33 1.63	4 4	53.06 41.41	76 51
12.67 11.52	16 14	.. 0.51	0.36 0.57	0.55 0.85	1.91 1.93	3 2	2.21 0.72	0.98 0.56	.. 0.79	3.19 2.66	8 5	51.13 52.67	78 70
8.72 11.20	16 13	.. 0.38	0.13 0.33	0.05 0.54	0.18 1.25	1 1	1.71 0.41	0.17 0.46	.. 0.71	1.88 1.57	4 3	52.12 42.60	60 49
10.78 11.00	16 15	.. 0.41	0.07 0.46	.. 0.62	0.07 1.40	.. 2	1.89 0.53	0.25 0.53	.. 0.72	2.14 1.79	5 5	57.86 47.35	69 60
17.36 11.60	22 14	.. 0.22	.. 0.29	.. 0.70	.. 1.22	.. 1	1.55 0.73	0.63 0.76	.. 0.68	2.18 2.21	7 5	60.41 50.48	82 59
10.97 11.15	17 16	.. 0.36	0.15 0.47	.. 0.80	0.15 1.63	1 2	1.22 0.62	0.02 0.63	.. 0.77	1.24 2.03	3 4	75.30 54.35	79 67
14.67 12.04	19 13	.. 0.23	0.33 0.52	1.41 0.81	1.14 1.56	4 2	1.54 0.57	0.75 0.61	.. 0.67	2.29 1.85	5 4	71.92 64.43	87 72
17.67 10.12	24 13	.. 0.16	.. 0.43	0.72 0.77	1.38 1.38	1 3	2.88 0.53	0.11 0.64	.. 0.68	2.99 1.87	9 4	54.32 46.38	80 55
10.77 10.60	16 13	.. 0.18	.. 0.49	.. 0.75	.. 1.33	.. 2	2.34 0.62	0.39 0.66	.. 0.97	2.73 2.25	8 5	58.53 51.74	71 64
14.83 10.28	20 16	.. 0.24	0.70 0.51	2.00 0.85	2.70 1.60	4 2	3.15 0.71	0.49 0.68	.. 0.81	3.64 2.20	9 5	67.63 49.76	86 68
7.20 8.60	11 7	.. 0.49	.. 0.42	.. 0.29	.. 1.20	.. 1	0.17 0.35	0.57 0.19	.. 0.38	0.74 0.92	2 2	41.29 31.34	54 28
7.58 7.90	9 6	.. 0.42	0.30 0.42	.. 0.42	0.30 1.26	1 1	3.03 0.28	.. 0.34	.. 0.54	3.03 1.17	2 2	44.46 32.06	53 24
11.48 9.90	10 7	.. 0.49	0.02 0.53	.. 0.29	0.02 1.31	.. 1	0.15 0.29	1.87 0.30	.. 0.51	2.02 1.10	2 2	44.60 34.22	66 32
8.49 12.14	13 8	.. 0.41	.. 0.38	.. 0.52	.. 1.32	.. 2	1.20 0.38	0.42 0.45	.. 0.66	1.62 1.49	2 2	44.31 41.54	62 32

*STATEMENT II-A.—Area as classified with details
the agricultural year*

District (1)	Area included in holdings					
	Area in cultivation				Out of cultiva- tion (6)	Total area included in hold- ings (occu- pied area) (7)
	Under crop (2)	Compare normal area under crop (3)	Not crop- ped within the year (4)	Total (columns 2 and 4) (5)		
Acres	Acres	Acres	Acres	Acres	Acres	
Saugor—						
Saugor	942,722	902,000	60,175	1,002,897	236,587	1,239,484
Damoh	523,023	513,000	53,779	576,802	170,390	747,192
Total	1,465,745	1,415,000	113,954	1,579,699	406,977	1,986,676
Jubbulpore	968,762	974,000	193,504	1,162,266	260,289	1,422,555
Mandla	746,988	693,000	236,518	983,506	266,258	1,249,764
Hoshangabad—						
Hoshangabad	925,408	935,000	76,066	1,001,474	217,954	1,219,428
Narsinghpur	585,941	590,000	41,026	626,967	114,309	741,276
Total	1,511,349	1,525,000	117,092	1,628,441	332,263	1,960,704
Nimar	911,828	942,000	79,225	991,053	196,075	1,187,128
Total for Jubbulpore division	5,604,672	5,549,000	740,293	6,344,965	1,461,862	7,806,827
Betul	795,996	799,000	150,108	946,104	243,134	1,189,238
Chhindwara—						
Khalsa	869,438	1,054,000	118,270	987,708	80,399	1,068,107
Jagira	153,478		66,293	219,771	91,086	310,857
Seoni	732,731	735,000	148,169	880,900	192,610	1,073,510
Total	1,755,647	1,789,000	332,732	2,088,379	364,095	2,452,474
Wardha	979,510	1,020,000	88,613	1,068,123	113,011	1,181,134
Nagpur	1,204,648	1,309,000	154,006	1,358,654	268,254	1,626,908
Chanda—						
Khalsa	818,776	935,000	111,170	929,946	258,664	1,188,610
Zamindaris	120,692		18,212	138,904	34,599	173,503
Total for Nagpur division	5,675,269	5,852,000	854,841	6,530,110	1,281,757	7,811,867
Bhandara—						
Khalsa	552,554	829,000	44,484	597,038	90,443	687,481
Zamindaris	273,835		22,100	295,935	49,149	345,084
Balaghat—						
Khalsa	467,037	559,000	50,702	517,739	111,826	629,565
Zamindaris	103,052		9,209	112,261	15,779	128,040
Drug—						
Khalsa	1,149,973	1,443,000	90,590	1,240,563	87,224	1,327,787
Zamindaris	329,257		66,993	396,250	68,131	464,381
Raipur—						
Khalsa	1,348,117	2,042,000	123,102	1,471,219	98,199	1,569,418
Zamindaris	625,353		47,479	699,832	94,419	794,251
Bilaspur—						
Khalsa	1,163,988	1,737,000	65,515	1,229,503	55,046	1,284,549
Zamindaris	598,741		84,874	683,615	84,327	767,942
Total for Chhattisgarh division	6,611,907	6,610,000	632,048	7,243,955	754,543	7,998,498
Total for Central Provinces	17,891,848	18,011,000	2,227,182	20,119,030	3,498,162	23,617,192

Area under cultivation in each district of the Central Provinces and Berar during the 31st May 1939.

Area not included in holdings							Grand total of area	Area double cropped
Groves	Tree forest	Scrub jungle and grass	Under water	Hill and rock	Occupied by roads and buildings	Total area not included in holdings (un-occupied area)		
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
780	254,075	426,954	45,018	40,793	38,553	806,173	2,045,657	32,337
130	165,274	159,555	43,422	157,299	20,627	546,307	1,293,499	36,243
910	419,349	586,509	88,440	198,092	59,180	1,352,480	3,339,156	68,580
936	132,864	348,976	81,409	263,087	33,873	866,145	2,288,700	138,820
387	201,811	266,102	99,402	177,009	41,468	786,170	2,035,934	121,570
113	273,680	129,159	66,374	27,260	38,856	535,415	1,754,843	13,224
653	170,711	136,308	33,524	3,111	20,562	364,869	1,106,145	18,771
766	444,391	265,467	99,871	30,371	59,418	900,284	2,860,988	31,995
120	103,376	168,678	61,140	61,889	41,686	436,889	1,624,017	25,724
3,110	1,301,791	1,635,732	430,262	730,448	240,625	4,341,968	12,148,795	386,689
22	307,213	90,699	62,274	65,763	29,776	555,747	1,744,985	60,928
154	133,992	120,942	54,628	75,904	28,051	413,671	1,481,778	34,941
11	571,629	72,539	21,007	41,104	4,415	710,705	1,021,562	7,933
468	286,984	164,633	55,360	17,047	32,801	557,293	1,630,803	48,285
633	992,605	358,114	130,995	134,055	65,267	1,681,669	4,134,143	91,159
56	12,317	76,108	33,318	92,154	29,925	243,878	1,425,012	7,758
821	135,474	159,792	64,187	73,374	54,504	488,152	2,115,060	13,414
838	381,362	207,977	140,994	25,541	38,584	795,296	1,983,906	76,334
37	810,105	47,585	24,748	23,423	7,918	913,816	1,087,319	3,377
2,407	2,639,076	940,275	456,516	414,310	225,974	4,678,558	12,490,425	252,970
1,680	214,774	96,505	74,460	29,014	29,052	445,485	1,132,966	145,169
357	299,462	79,241	26,420	48,560	18,145	472,185	817,269	127,526
413	220,088	144,299	52,692	104,265	30,423	552,180	1,181,745	170,236
63	91,708	49,458	12,001	158,462	5,210	316,902	444,942	50,151
323	39,729	228,246	75,231	10,156	36,106	389,791	1,717,578	471,873
149	208,286	92,724	19,409	54,564	13,213	388,345	852,726	70,887
209	152,238	333,277	121,699	25,234	41,845	674,502	2,243,920	615,663
195	320,572	115,652	44,786	19,359	22,076	522,640	1,316,891	94,185
1,130	66,275	264,333	87,846	11,376	40,299	471,259	1,755,808	507,178
434	809,990	125,146	45,593	106,643	19,107	1,106,913	1,874,855	115,772
4,953	2,423,122	1,528,881	560,137	567,633	155,476	5,340,202	13,338,700	2,368,640
10,470	6,363,989	4,104,888	1,446,915	1,712,391	722,075	14,360,728	37,977,920	3,008,299

STATEMENT II-B.—Area as classified with details of area under

District (1)	Area occupied					Culturable assessed waste available for cultiva- tion (7)	A.— Timber and fuel reserves (8)
	Area under crop (2)	Compare normal area under crop (3)	Not cropped (4)	Pot kharab (5)	Total (columns 2, 4 and 5) (6)		
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Akola ..	1,720,443	1,804,000	475,508	20,805	2,216,756	4,933	136,500
Amraoti ..	1,554,461	1,601,000	260,579	22,397	1,837,437	28,143	799,934
Buldana ..	1,525,627	1,543,000	387,890	41,734	1,955,251	3,834	161,769
Yeotmal ..	1,676,954	1,663,000	599,160	46,496	2,322,610	3,428	495,142
Total ..	6,477,485	6,611,000	1,723,137	131,432	8,332,054	40,338	1,593,345

cultivation in Berar during the agricultural year ending the 31st May 1939.

B.— Grass reserves	Pasture lands	Total (columns 8 to 10)	Free grazing not included in forests	For village purposes	Area not included in survey numbers, village sites, etc.	Uncultur- able land not included in any of the foregoing	Grand total (columns 6, 7 and 11 to 15)
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
..	70,229	206,729	108,920	17,230	53,098	14,074	2,621,740
3,592	92,573	896,099	136,678	19,572	59,628	24,301	3,001,858
..	116,380	278,149	82,985	26,108	44,134	23,900	2,414,361
..	261,956	757,098	55,459	13,420	57,817	130,875	3,340,707
3,592	541,138	2,138,075	384,042	76,330	214,677	193,150	11,378,666

STATEMENT III-A.—Areas under the Principal crops in
the agricultural year ending

District (1)	Cereals			
	Rice			
	Transplanted		Broadcast	
	Irrigated (2)	Un- irrigated (3)	Irrigated (4)	Un- irrigated (5)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	111	870	180	26,015
Damoh	109	257	5,222	75,279
Total	220	1,127	5,402	101,294
Jubbulpore	2,040	7,930	12,717	194,721
Mandla .. ..	..	16,091	..	155,815
Hoshangabad—				
Hoshangabad .. ..	..	1,628	3	14,221
Narsinghpur .. ..	..	2,443	..	35,114
Total .. ..	..	4,071	3	49,335
Nimar .. ..	..	..	9	33,717
Total for Jubbulpore division	2,260	29,219	18,131	534,882
Betul	4	1	..	31,660
Chhindwara—				
Khalsa .. ..	..	942	2	12,239
Jagirs .. ..	..	..	..	4,500
Seoni	27,202	70,612	1,586	31,568
Total	27,202	71,554	1,588	48,307
Wardha .. ..	..	1	1	6,224
Nagpur	18,215	11,475	252	4,374
Chanda—				
Khalsa	123,862	42,102	16,762	55,752
Zamindaris	3,329	12,336	3,394	76,762
Total for Nagpur division	172,612	137,469	21,997	223,079
Bhandara—				
Khalsa	135,267	97,119	10,035	55,079
Zamindaris	70,301	122,825	4,959	34,136
Balaghat—				
Khalsa	136,106	134,218	11,480	76,459
Zamindaris	4,480	34,584	1,098	37,447
Drug—				
Khalsa	301	191	126,833	512,907
Zamindaris	210	1,781	9,343	149,944
Raipur—				
Khalsa	156	405	119,644	922,809
Zamindaris	245	9,703	1,724	480,477
Bilaspur—				
Khalsa	259	1,557	6,445	884,725
Zamindaris	7	6,410	191	406,843
Total for Chhattisgarh division	347,332	408,793	291,752	3,560,826
Total for the Central Provinces	522,204	575,481	331,880	4,318,787
Akola .. ..	..	..	..	18,064
Amraoti	2	2	8	5,790
Buldana .. ..	..	..	..	3,954
Yeotmal .. ..	..	..	23	18,145
Total for Berar division	2	2	31	45,953
Total for the Central Provinces and Berar	522,206	575,483	331,911	4,364,740

each district of the Central Provinces and Berar during the 31st May 1939.

Cultivated pulses							
Total	Juar		Juar and arhar (tur)	Kodon and kutki	Bajra	Wheat (pissi)	
	Kharif	Rabi (Ringni)				Irrigated	Un-irrigated
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
27,176	36,562	..	39,535	30,819	121	3,161	399,000
80,867	10,311	..	36,368	32,347	12	1,070	145,624
108,043	46,873	..	75,903	63,166	133	4,231	544,624
217,408	3,419	..	29,931	109,479	1,258	730	93,817
171,906	297	..	130	268,977	..	..	101,082
15,852	1,817	2,200	61,473	48,796	696	1,988	336,648
37,557	2,266	..	48,569	51,158	2,830	788	8,059
53,409	4,083	2,200	110,042	99,954	3,526	2,776	344,707
33,726	239,108	160	6,487	13,293	11,119	874	35,101
584,492	293,780	2,360	222,493	554,869	16,036	8,611	1,119,331
31,665	18,285	25	180,334	154,509	35	13,909	118,490
13,183	127,426	1,325	194,599	78,284	87	7,337	90,593
4,500	3,187	..	2,113	61,112	7	77	12,121
130,968	10,732	842	21,062	112,869	..	137	15,293
148,651	141,345	2,167	217,774	252,265	94	7,551	255,667
6,226	255,687	3,067	70,664	13	162	2	155
34,316	215,915	129,911	164,302	488	301	255	3,253
238,478	23,318	218,995	8,546	154	18	10	610
95,821	2	5,191	..	5,556	..	..	..
555,157	654,552	359,356	641,620	412,985	610	21,727	378,175
297,500	386	67,737	10,839	1,619	3	72	18,971
232,221	56	215	1,156	5,295	..	11	10,417
358,263	1,147	120	3,594	25,210	1	81	22,043
77,609	75	..	2,125	7,448	..	..	4,066
640,232	54	..	73	187,487	3	91	22,995
161,278	29	1	20	95,350	..	..	2,625
1,043,014	129	..	12	112,650	4	375	11,476
492,149	206	..	9	37,698	2	85	772
892,986	36	95	18	68,491	..	300	46,701
413,451	1,072	..	112	47,256	1	53	14,555
4,608,703	3,190	68,168	17,958	588,504	14	1,068	157,621
5,748,352	951,522	429,884	882,071	1,556,358	16,660	31,406	1,655,127
18,064	566,881	..	..	2,000	18,665	..	198
5,802	481,564	..	..	5,338	15,358	103	3,110
3,954	507,661	10,104	..	11	31,830	228	194
18,168	627,137	..	..	67	17,430	..	10
45,988	2,183,243	10,104	..	7,416	83,283	331	3,512
3,794,340	3,134,765	439,988	882,071	1,563,774	99,943	31,737	1,658,639

STATEMENT III-A.—Areas under the principal crops in
the Agricultural year ending

District (1)	Cereals				
	Wheat—concl'd.			Wheat-gram (17)	
	Other kinds		Total (16)		
	Irrigated (14)	Unirrigated (15)			
	Acres.	Acres.	Acres.	Acres.	
Saugor—					
Saugor	618	78,269	481,048	40,125	
Darnoh	330	48,170	195,194	47,459	
Total	948	126,439	676,242	87,584	
Jubbulpore	279	20,462	115,288	292,622	
Mandla .. ..	..	3,134	104,216	41,627
Hoshangabad—					
Hoshangabad	49	20,744	359,429	30,896	
Narsinghpur	5	1,436	10,288	147,905	
Total	54	22,180	369,717	178,801	
Nimar	7,552	20,924	64,451	1,300	
Total for Jubbulpore division	8,833	193,139	1,329,914	601,934	
Betul	656	1,268	134,323	60,616	
Chhindwara—					
Khalsa	1,621	19,578	119,129	70,058	
Jagirs .. ..	..	85	12,283	13,544
Seoni	67	19,440	172,597	67,471	
Total	1,688	39,103	304,009	151,073	
Wardha	752	112,004	112,913	449	
Nagpur	4,125	163,210	170,843	561	
Chanda	{ Khalsa	43	72,129	72,792	445
.. ..	{ Zamindaris	3	573	576	5
Total for Nagpur division	7,267	388,287	795,456	213,149	
Bhandara	{ Khalsa	15	47,569	66,627	470
.. ..	{ Zamindaris	6	2,282	12,716	550
Balaghat	{ Khalsa	4	7,787	29,915	1,151
.. ..	{ Zamindaris	42	4,108	162
Drug	{ Khalsa	31	53,755	76,872	322
.. ..	{ Zamindaris	14,386	17,011	314
Raipur	{ Khalsa	13	3,728	15,592	231
.. ..	{ Zamindaris	23	272	1,152	23
Bilaspur	{ Khalsa	313	3,540	50,854	164
.. ..	{ Zamindaris	14	3,523	18,145	726
Total for Chhattisgarh division	419	136,884	292,992	4,113	
Total for Central Provinces	16,519	718,310	2,418,362	819,196	
Akola	228	123,539	123,965	..	
Amraoti	279	84,873	88,365	..	
Buldana	7,434	127,505	135,361	..	
Yeotmal	8	56,794	56,812	..	
Total for Berar	7,949	392,711	404,503	..	
Total for the Central Provinces and Berar	24,466	1,111,021	2,822,865	819,196	

each district of the Central Provinces and Berar during
the 31st May 1939—contd.

and pulses—concl'd.

Arhar (tur)	Urad, mung and moth		Gram (chana)	Lakh (tiura)	Masur	Peas (batana)	Other cereals and pulses
	Kharif	Rabi					
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
190	2,221	5	52,090	2,705	25,159	2,134	21,081
1,911	2,105	..	22,180	1,587	4,087	647	6,503
2,101	4,326	5	74,270	4,292	29,246	2,781	27,584
7,378	11,737	1	101,892	1,064	40,395	8,043	22,121
4,375	22,677	5	50,125	2,603	30,732	14,508	33,659
3,758	506	..	54,090	24,733	5,303	2,642	6,337
7,890	550	..	105,886	23,238	35,782	9,642	7,256
11,648	1,056	..	159,976	47,971	41,085	12,284	13,593
12,345	34,029	42	20,309	330	4,837	741	27,685
37,847	73,825	53	406,572	56,260	146,295	38,357	124,642
1,724	23,772	353	45,211	5,182	18,629	1,586	42,291
7,607	8,434	..	48,282	2,930	4,648	1,819	43,980
624	5,716	..	10,899	59	920	235	17,903
3,481	8,889	34	21,126	39,355	22,400	4,065	33,778
11,712	23,039	34	80,307	42,340	27,967	6,119	95,661
1,162	9,105	..	11,133	2,530	343	1,314	1,746
33,317	7,440	713	17,806	32,611	1,626	2,141	6,530
2,012	389	22,201	14,489	64,504	504	2,397	22,757
24	1,313	3,451	842	972	1	39	6,518
49,951	65,058	26,752	169,788	149,139	49,071	13,596	175,503
6,152	319	45,533	16,246	90,437	630	1,089	16,192
669	513	22,445	6,338	65,374	120	162	7,709
2,190	2,392	35,942	15,660	63,709	169	858	16,157
599	433	25,583	4,869	6,655	66	392	4,198
40,606	857	221,178	25,944	206,885	22,132	13,766	2,602
11,144	2,486	35,212	5,357	14,629	1,797	1,076	8,449
20,622	144,315	179,166	29,223	142,513	11,624	7,958	5,362
994	28,028	51,399	3,409	18,944	1,197	11,165	18,704
18,097	7,925	188,407	18,811	202,522	28,387	13,053	7,299
7,407	23,741	25,415	17,041	16,292	17,824	11,237	41,176
109,270	211,009	828,280	142,898	827,930	83,946	60,756	127,848
197,068	349,892	855,085	719,258	1,033,329	279,312	112,709	427,993
63,562	60,287	..	28,202	7,977	4,811	2,368	10,634
80,477	43,027	..	20,062	2,799	2,006	311	5,665
49,648	63,849	..	33,478	2,137	1,608	2,256	18,203
103,950	81,263	..	23,934	2,632	290	1,382	6,008
297,637	248,426	..	105,676	15,545	8,715	6,317	40,510
494,705	598,318	855,085	824,934	1,048,874	288,027	119,026	468,503

STATEMENT III-A.—Areas under the principal crops in
the agricultural year ending

District (1)	Oil			
	Til		Linseed	
	Kharif	Rabi	Drilled (bota)	Broadcast (utera)
	(26)	(27)	(28-a)	(28-b)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	15,393	1,059	13,734	337
Damoh	28,432	422	20,955	1,626
Total	43,825	1,481	34,689	1,963
Jubbulpore	30,351	5,614	29,405	236
Mandla	15,860	33	7,307	548
Hoshangabad—				
Hoshangabad	10,279	94,869	59,276	166
Narsinghpur	8,166	31,335	3,798	2,128
Total	18,445	126,204	63,074	2,294
Nimar	30,712	1,103	9	1,537
Total for Jubbulpore division	139,193	134,435	134,484	6,578
Betul	18,402	266	7,918	..
Chhindwara—				
Khalsa	12,385	12	3,566	185
Jagirs	5,896	21	58	16
Seoni	15,718	264	22,253	5,444
Total	33,999	297	25,877	5,645
Wardha	2,957	3,956	42,969	12
Nagpur	5,599	3,776	104,040	79
Chanda—				
Khalsa	2,525	12,573	91,094	101
Zamindaris	144	64	682	195
Total for Nagpur division	63,626	20,932	272,580	6,032
Bhandara—				
Khalsa	448	1,013	36,009	11,553
Zamindaris	129	2	6,565	35,085
Balaghat—				
Khalsa	713	31	8,685	55,511
Zamindaris	172	2	1,905	12,944
Drug—				
Khalsa	2,606	425	65,723	68,623
Zamindaris	2,813	7	15,352	16,391
Raipur—				
Khalsa	6,700	24	52,952	160,109
Zamindaris	15,949	47	5,292	14,889
Bilaspur—				
Khalsa	3,061	18	45,791	74,897
Zamindaris	6,175	2	8,591	14,862
Total for Chhattisgarh division	38,766	1,571	246,865	464,864
Total for the Central Provinces	241,585	156,938	653,929	471,474
Akola	7,256	222	10,694	..
Amraoti	7,297	991	10,844	..
Buldana	6,268	206	12,714	..
Yeotmal	14,085	3,236	22,384	..
Total for Berar	34,906	4,655	56,636	..
Total for the Central Provinces and Berar	276,491	161,593	710,565	477,474

each district of the Central Provinces and Berar during
the 31st May 1939—contd.

seed				Sugarcane			
Linseed-gram	Ramtil (jagni)	Other oil-seeds	Condi-ments and spices	Ratoon		Planted	
				Irrigated	Unirri-gated	Irrigated	Unirri-gated
(29)	(30)	(31)	(32)	(33)		(34)	
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
28,502	23,426	12,000	1,154	..	..	409	30
16,801	1,506	4,975	976	..	..	362	34
45,303	24,932	16,975	2,130	..	..	771	64
22,564	7,983	11,973	2,764	..	..	989	477
4,019	59,874	27,904	787	91	..	579	..
14,079	..	2,882	2,244	15	..	123	39
15,575	..	5,184	812	139	16	551	579
29,654	..	8,066	3,056	154	16	674	618
569	85	17,501	3,734	..	..	97	..
102,109	92,874	82,419	12,471	245	16	3,110	1,159
919	45,141	12,488	3,301	838	..	2,723	..
3,019	80,394	7,200	3,925	784	..	2,370	..
81	19,305	1,696	166	2	..	27	..
6,131	46,636	4,431	1,950	226	..	791	..
9,231	146,335	13,327	6,041	1,012	..	3,188	..
3	..	7,510	4,712	..	..	128	..
6	104	4,698	16,502	9	..	138	..
5,679	..	2,195	11,243	1,228	12	1,356	..
8	..	124	1,084	26	..	23	..
15,846	191,580	40,342	42,883	3,113	12	7,556	..
58	35	1,003	7,559	1,267	..	1,240	..
42	12	191	1,120	300	..	372	..
571	..	3,997	1,416	329	13	2,497	16
107	..	1,872	429	16	..	160	..
211	..	4,022	16,259	92	..	70	143
203	..	1,667	1,717	12	2	6	1
376	1	3,409	4,703	53	..	236	..
166	5	6,782	1,534	778	..	962	1
5,330	46	14,890	8,738	388	52	1,680	291
12,152	5,087	15,829	983	146	8	420	1,404
19,216	5,186	53,662	44,458	3,381	75	7,643	1,856
137,171	289,640	176,423	99,812	6,739	103	18,309	3,015
..	..	65,493	7,183	..	..	266	..
..	..	56,015	9,252	..	..	149	..
..	..	121,104	7,853	..	..	496	..
..	..	24,699	6,871	..	..	373	..
..	..	267,323	31,159	..	..	1,284	..
137,171	289,640	443,746	130,971	6,739	103	19,593	3,015

STATEMENT III-A.—Areas under the principal crops in
the agricultural year ending

District (1)	Fibres			
	Cotton		Cotton-arhar (tur)	
	Short- stapled	Long- stapled	Short- stapled	Long- stapled
	(35)	(36)	(37)	(37-a)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	817	..	2,689	..
Damoh	219	..	135	..
Total	1,036	..	2,824	..
Jubbulpore	108	..	1,485	..
Mandla	5	..	..	..
Hoshangabad—				
Hoshangabad	1,748	45	996	39,036
Narsinghpur	23	13	55	14,015
Total	1,771	58	1,051	53,051
Nimar	114,491	10,916	182,982	33,703
Total for Jubbulpore division	117,411	10,974	188,342	86,754
Betul	6,865	..	11,528	..
Chhindwara—				
Khalsa	17,666	..	39,733	..
Jagirs	4	..	..	..
Seoni	1,462	5	8,874	..
Total	19,132	5	48,607	..
Wardha	13,075	1,124	364,424	4,115
Nagpur	21,309	640	182,455	8,155
Chanda—				
Khalsa	13,288	30	52,326	179
Zamindaris	8	3	1	..
Total for Nagpur division	73,677	1,802	659,341	12,449
Bhandara—				
Khalsa	1,008	..	388	..
Zamindaris .. ..	..	..	..	..
Balaghat—				
Khalsa .. ..	..	..	2	..
Zamindaris .. ..	..	..	..	..
Drug—				
Khalsa	28	..	..	..
Zamindaris	33	..	406	..
Raipur—				
Khalsa	95	..	5	1
Zamindaris	2,325	8	41	..
Bilaspur—				
Khalsa	126	2	38	..
Zamindaris .. ..	..	356	..	18
Total for Chhattisgarh division	3,615	366	880	19
Total for the Central Provinces	194,703	13,142	848,563	99,222
Akola	707,311	12,279	..	..
Amraoti	682,923	26,812	..	..
Buldana	502,884	24,910	..	..
Yeotmal	649,009	9,409	..	..
Total for Berar	2,542,127	73,410	..	..
Total for the Central Provinces and Berar	2,736,830	86,552	848,563	99,222

each district of the Central Provinces and Berar during
the 31st May 1939—contd.

Other fibres (sann, etc.)	Dyes (Indigo, etc.)	Drugs and narcotics	Fodder crops	Orchard and garden produce	
				Kharif	
				Irrigated	Unirrigated
(38)	(39)	(40)	(41)	(42)	(43)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1,326	3	2,840	106,682	385	1,737
310	..	239	38,887	186	653
1,636	3	3,079	145,569	571	2,390
1,279	..	358	17,829	267	8,534
2,431	..	364	1,092	56	666
839	..	374	87,043	480	4,491
1,424	..	559	26,762	276	1,397
2,263	..	933	113,805	756	5,888
2,112	..	133	65,461	1,308	536
9,721	3	4,867	343,756	2,958	18,014
2,587	..	291	23,472	172	936
4,691	..	409	2,267	1,266	689
323	..	134	392	..	155
4,801	..	368	10,103	232	867
9,815	..	911	12,762	1,498	1,711
2,773	..	152	57,901	2,352	810
3,931	..	129	26,920	15,282	2,580
850	62	241	5,659	295	662
110	..	134	952	7	85
20,066	62	1,858	127,666	19,606	7,684
1,301	9	21	11,268	2,010	435
427	..	34	1,019	104	93
333	4	607	3,380	502	1,187
118	1	133	553	35	188
798	..	421	9,735	102	10,562
371	..	478	4,296	80	1,718
1,230	..	208	4,455	231	11,784
1,586	..	164	68	93	1,838
1,272	..	428	1,200	300	9,662
277	..	830	1,340	47	3,452
7,713	14	3,324	37,314	3,504	40,919
37,500	79	10,049	508,736	26,068	65,717
10,535	..	709	60	2,490	1,359
11,846	4	975	122	4,161	2,281
7,847	..	923	70	3,228	1,619
14,585	..	868	5	1,898	2,221
44,813	4	3,475	257	11,777	7,480
82,313	83	13,524	508,993	37,845	73,197

*STATEMENT III-A.—Areas under the principal crops in
the agricultural year ending*

District (1)	Orchard and garden produce—concl'd.		Miscellaneous	
	Rabi		Kharif	
	Irrigated	Unirrigated	Irrigated	Unirrigated
	(44)	(45)	(46)	(47)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	1,509	53	..	3
Damoh	820	84	..	63
Total	2,329	137	..	66
Jubbulpore	2,376	355	5	399
Mandla	627	478	..	..
Hoshangabad—				
Hoshangabad	876	134	..	16
Narsinghpur	801	131	..	..
Total	1,677	265	..	16
Nimar	454	40	8	64
Total for Jubbulpore division	7,463	1,275	13	545
Betul	511	17	..	5
Chhindwara	1,826	52	3	70
{ Khalsa	16	2	..	5
{ Jagirs	699	45	..	43
Total	2,541	99	3	118
Wardha	503	14	88	93
Nagpur	2,556	31	51	49
Chanda	933	183	6	152
{ Khalsa	45	19	..	6
{ Zamindaris				
Total for Nagpur division	7,089	363	148	423
Bhandara	943	267	38	43
{ Khalsa	188	84	6	30
{ Zamindaris	798	184	..	19
Balaghat	159	85	..	2
{ Khalsa	846	2,155	..	4
{ Zamindaris	194	238	..	2
Drug	2,627	2,095	..	24
{ Khalsa	938	992	..	1
{ Zamindaris	1,930	3,824	..	6
Raipur	308	902	..	427
{ Khalsa				
{ Zamindaris				
Total for Chhattisgarh division	8,931	10,826	44	558
Total for the Central Provinces	23,483	12,464	205	1,526
Akola .. .. .	..	..	45	2
Amraoti	1	23	64	114
Buldana .. .. .	..	..	97	722
Yeotmal .. .. .	..	..	..	36
Total for Berar	1	23	206	874
Total for the Central Provinces and Berar	23,484	12,487	411	2,400

each district of the Central Provinces and Berar during
the 31st May 1939.—contd.

food crops		Miscellaneous non-food crops			
Rabi		Kharif		Rabi	
Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
(48)	(49)	(50)	(51)	(52)	(53)
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
..
2	1	..	..	..	..
2	1	..	..	..	..
12	5	..	..	97	81
..
..	11	15	28	..	..
..	..	10	2	..	144
..	11	25	30	..	144
2	30	1	1	..	..
16	47	26	31	97	226
3	1	..	..	..	..
7	68	..	..	1	..
..	8	..	2	..	..
..	..	..	2	..	2
7	76	..	4	1	2
46	2	22	10	..	3
15	20	133	11	1	22
158	80	..	1	..	..
1	27	..	10	..	..
230	206	155	36	2	27
7	14	3	..	2	..
14	3	1	1	2	..
..
..
1	7	..	..	..	..
..	4	..	..	..	..
9	35	..	..	..	3
..
9	40	..	..	..	2
..	1	..	..	..	..
40	104	4	1	4	5
286	357	185	68	103	258
..	..	73	5	..	..
..	..	142	72	..	..
1	1	12	17	1	..
..	..	..	19	..	..
1	1	227	113	1	..
287	358	412	181	104	258

STATEMENT III-A.—Areas under the principal crops in the agricultural year ending

District (1)	Total gross			
	Kharif		Rabi	
	Irrigated (54)	Unirrigated (55)	Irrigated (56)	Unirrigated (57)
	Acres.	Acres.	Acres.	Acres.
Saugor—				
Saugor	1,166	315,226	7,074	651,593
Damoh	5,897	236,623	2,884	313,862
Total	7,063	551,849	9,958	965,455
Jubbulpore	16,142	449,537	4,029	637,874
Mandla	727	581,053	926	285,851
Hoshangabad—				
Hoshangabad	787	286,318	3,775	647,752
Narsinghpur	994	214,729	2,012	386,977
Total	1,781	501,047	5,787	1,034,729
Nimar	3,199	837,191	9,808	87,354
Total for Jubbulpore division	28,912	2,920,677	30,508	3,011,263
Betul	4,021	573,338	22,493	257,072
Chhindwara—				
{ Khalsa	4,096	637,663	16,494	245,316
{ Jagirs	29	121,209	167	40,006
Total	30,057	380,645	1,420	368,894
Seoni	34,992	1,139,517	18,081	654,216
Wardha	5,242	799,968	1,867	180,191
Nagpur	37,884	707,096	9,259	463,823
Chanda	144,248	201,101	3,443	546,318
{ Khalsa	6,781	99,792	1,076	16,420
{ Zamindaris				
Total for Nagpur division	233,168	3,520,812	56,219	2,118,040
Bhandara	150,198	191,039	3,411	353,075
{ Khalsa	76,054	171,788	1,078	152,441
{ Zamindaris	150,954	259,983	2,023	224,313
Balaghat	5,807	85,820	462	61,114
{ Khalsa	127,414	768,942	2,217	723,380
{ Zamindaris	9,671	278,621	604	111,248
Drug	120,349	1,093,433	5,261	744,737
Raipur	3,835	599,117	1,629	114,957
Bilaspur	9,157	1,007,237	4,261	650,511
{ Khalsa	831	550,370	768	162,544
{ Zamindaris				
Total for Chhattisgarh division	654,270	5,006,350	21,714	3,298,320
Total for the Central Provinces	916,350	11,447,839	108,441	8,427,623
Akola	5,874	1,545,252	229	182,043
Amraoti	8,355	1,429,388	629	126,490
Buldana	7,519	1,299,224	8,482	235,848
Yeotmal	4,271	1,572,700	8	111,784
Total for Berar	26,019	5,846,564	9,348	656,165
Total for the Central Provinces and Berar	942,369	17,294,403	117,789	9,083,788

each district of the Central Provinces and Berar during the 31st May 1939.—contd.

cropped area		Area cropped more than once	Net cropped area	
Total			Irrigated	Unirrigated
Irrigated	Unirrigated			
(58)	(59)	(60)	(61)	(62)
Acres.	Acres.	Acres.	Acres.	Acres.
8,240	966,819	32,337	8,240	934,482
8,781	550,485	36,243	7,205	515,818
17,021	1,517,304	68,580	15,445	1,450,300
20,171	1,087,411	138,820	20,171	948,591
1,653	866,905	121,570	1,653	745,335
4,562	934,070	13,224	4,562	920,846
3,006	601,706	18,771	2,433	583,508
7,568	1,535,776	31,995	6,995	1,504,354
13,007	924,545	25,724	6,197	905,631
59,420	5,931,941	386,689	50,461	5,554,211
26,514	830,410	60,928	20,499	775,497
21,400	882,979	34,941	21,400	848,038
196	161,215	7,933	196	153,282
31,477	749,539	48,285	31,477	701,254
53,073	1,793,733	101,159	53,073	1,702,574
7,109	980,159	7,758	6,732	972,778
47,143	1,170,919	13,414	47,143	1,157,505
147,691	747,419	76,334	147,058	671,718
7,857	116,212	3,377	7,857	112,835
289,387	5,638,852	252,970	282,362	5,392,907
153,609	544,114	145,169	153,075	399,479
77,132	324,229	127,526	77,106	196,729
152,977	484,296	170,236	152,977	314,060
6,269	146,934	50,151	6,269	96,783
129,631	1,492,215	471,873	129,210	1,020,763
10,275	389,869	70,887	10,171	319,086
125,610	1,838,170	615,663	125,610	1,222,507
5,464	714,074	94,185	5,464	619,889
13,418	1,657,748	507,178	13,361	1,150,627
1,599	712,914	115,772	1,538	597,203
675,984	8,301,563	2,368,640	674,781	5,937,126
1,024,791	19,872,356	3,008,299	1,007,604	16,884,244
6,103	1,727,295	12,955	6,103	1,714,340
8,984	1,555,878	10,401	8,984	1,545,477
16,001	1,535,072	25,446	16,001	1,509,626
4,279	1,684,484	11,809	4,279	1,672,675
35,367	6,502,729	60,611	35,367	6,442,118
1,060,158	26,375,085	3,068,910	1,042,971	23,326,362

*STATEMENT V—Showing the outturn in anna notation and the
the agricultural year*

District (1)	Kharif			
	Rice broadcast		Rice transplanted	
	Year of report (2)	Previous year (3)	Year of report (4)	Previous year (5)
Saugor ..	14	13	14	13
Damoh ..	14	13	14	13
Average for Saugor ..	14	13	14	13
Jubbulpore ..	11	12	11	12
Mandla ..	12	10	12	10
Hoshangabad ..	12	11	12	11
Narsinghpur ..	12	11	12	11
Average for Hoshangabad ..	12	11	12	11
Nimar ..	13	12	..	..
Betul ..	12	11	12	11
Chhindwara ..	12	11	12	11
Seoni ..	12	11	12	11
Average for Chhindwara ..	12	11	12	11
Wardha ..	13	13	13	13
Nagpur ..	13	13	13	13
Chanda ..	13	12	13	12
Bhandara ..	13	13	13	13
Balaghat ..	14	10	14	12
Drug ..	14	13	14	13
Raipur ..	14	12	14	12
Bilaspur ..	14	13	14	13
Average for the Central Provinces ..	13.6	12.4	13.6	12.3
Akola ..	11.2	11.2	..	..
Amraoti ..	11	10.2	..	..
Buldana ..	10.5	9.2	..	..
Yeotmal ..	10.5	12	..	..
Average for Berar ..	10.9	11.6	..	..
Average for the Central Provinces and Berar.	13.6	12.3	13.6	12.3
Estimated outturn for 1938-39 ..	..	..	Tons (a) 1,724,600	Tons 1,568,400
Estimated outturn as given in the final forecast.	..	..	Tons (b) 1,735,600	Tons 1,568,400

(a) Both transplanted and

(b) *Vide* final forecast, dated the

(c) Do. do.

(d) Do. do.

total produce in each district of the Central Provinces and Berar during ending the 31st May 1939.

crops							
Juar		Tur		Kodon and kutki		Til	
Year of report	Previous year	Year of report	Previous year	Year of report	Previous year	Year of report	Previous year
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
12	12	10	8	13	12	12	11
12	12	10	8	13	12	12	11
12	12	10	8	13	12	12	11
12	12	10	10	12	12	10	12
13	11	13	10	13	12	12	10
12	10	13	12	13	9	12	11
12	10	13	12	13	9	12	11
12	10	13	12	13	9	12	11
11	12	13	12	12	10	12	12
12	10	12	10	12	11	11	11
11	10	10	8	11	10	11	12
11	10	10	8	11	10	11	12
9	11	10	10	12	12	8	12
{ Kharif	9						
{ Rabi	6	11	10	8	13	9	11
{ Kharif							
{ Rabi	8	12.5	12	12	12	6	12
{ Kharif	11						
{ Rabi	8	12	8	12	12	13	13
12	12	11	10	13	12	13	11
12	13	12	12	13	13	12	12
12	12	13	12	14	12	12	13
13	13	13	13	13	10	14	14
9.3	11.7	11	10.6	12	11.4	10.9	11.5
9.4	10.4	9	9.6	9	9.9	9.2	9.7
10	13.3	12	11.3	10	8	10	12
10	9.7	10	9.3	10	10.2	9.3	9.4
10.2	13	12.6	10	8.7	9	9.8	10
10	11.7	11	10.1	10	8.5	9.7	10.7
9.2	11.7	11	10.4	12	11.4	10.8	11.4
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
928,730	1,061,300	112,100	95,300	171,700	144,500	34,380	39,200
Tons	Tons	..	..	..	..	Tons	
(c) 928,500	1,108,300	..	..	..	..	(d) 34,030	40,000

broadcast.

12th December 1938.

6th February 1939.

22nd December 1938.

STATEMENT V.—Showing the outturn in anna notation and the
the agricultural year ending

District (1)	Kharif crops					
	Cotton		Sugarcane		Wheat	
	Year of report (14)	Previous year (15)	Year of report (16)	Previous year (17)	Year of report (18)	Previous year (19)
Saugor ..	9	11	15	12	13	12
Damoh ..	9	11	15	12	13	12
Average for Saugor ..	9	11	15	12	13	12
Jubbulpore ..	11	11	13	13	10	11
Mandla ..	10	11	13	13	10	11
Hoshangabad ..	6	8	12	13	11	10
Narsinghpur ..	6	8	12	13	11	10
Average for Hoshang- abad ..	6	8	12	13	11	10
Nimar ..	10	10	13	14	11	12
Betul ..	8	10	13	12	10	10
Chhindwara ..	6	8	14	13	8	9
Seoni ..	6	8	13	13	8	9
Average for Chhind- wara ..	6	8	14	13	8	9
Wardha ..	5	9	13	12	8	11
Nagpur ..	5	9	14	13	6	9
Chanda ..	5.5	12	13	13	10	13
Bhandara ..	10	12	13	13	9	11
Balaghat ..	..	..	14	15	11	12
Drug ..	12	13	15	13	13	12
Raipur ..	12	12	16	16	13	11
Bilaspur ..	12	15	16	15	13	14
Average for the Central Provinces.	7.3	9.5	14	13.6	10.5	10.8
Akola ..	8.5	8.5	11.1	11.5	9.4	11.2
Amraoti ..	7.5	9.5	12	13.3	10.5	10.5
Buldana ..	9	8.1	11.4	11.4	9.9	10.4
Yeotmal ..	6.8	10	11.4	12	9.3	11
Average for Berar ..	7.8	9.0	11.4	11.8	9.5	10.8
Average for Central Provinces and Berar.	7.6	9.2	13.9	13.5	10.4	10.8
Estimated outturn for 1938-39.	Bales 546,600	Bales 727,200	Tons 45,130	Tons 50,680	Tons 672,100	Tons 672,800
Estimated outturn as given in the final fore- cast.	(a) 560,000	725,700	(b) 47,740	(b) 50,470	(c) 666,900	679,200

(a) Vide final forecast, dated

(b) Do. do.

(c) Do. do.

(d) Do. do.

total produce in each district of the Central Provinces and Berar during the 31st May 1939.—contd.

Rabi crops						Percentage representing proportion which the year's produce of these crops bears to the normal outturn upon their normal area	
Gram		Masur		Linseed			
Year of report (20)	Previous year (21)	Year of report (22)	Previous year (23)	Year of report (24)	Previous year (25)	Year of report (26)	Previous year (27)
10	12	12	12	13	12	99	91
10	12	12	12	13	12	98	90
10	12	12	12	13	12	99	91
8	10	8	10	9	11	76	82
9	11	8	11	10	10	95	86
9	9	8	10	11	11	71	74
9	9	8	10	11	11	78	73
9	9	8	10	11	11	72	74
12	12	12	12	12	12	81	82
10	10	10	10	11	11	83	76
8	11	8	11	9	11	70	71
8	11	7	11	9	9	74	76
8	11	8	11	9	9.3	72	73
8	11	8	11	9	12	53	75
8	10	8	10	8	10	49	73
8	10	8	8	10	13	76	96
8	10	10	10	8	11	86	95
12	12	13	12	11	10	102	87
12	12	12	12	13	11	96	97
13	12	12	12	13	11	98	87
13	13	13	10	13	13	100	97
9.5	10.5	10	10.7	11.4	11.2	86	85
10	9.7	10	9.9	9.5	9.9	54	73
9	9.7	10	7.2	10	10.5	65	80
8.8	9.8	8.5	9.5	9.8	10.0	67	65
10	10	8.4	10	9.8	11	75	85
9.5	9.8	10	9.2	10	10.5	66	75
9.5	10.4	10	10.6	11.3	11.2	81	83
Tons 185,300	Tons 223,200	Tons 47,800	Tons 51,700	Tons 105,900	Tons 105,900	..	..
..	..	..	..	(d)109,713	102,700	..	..

the 8th February 1939.

the 25th January 1939.

the 9th May 1939.

Do. do.

STATEMENT VI.—Showing the harvest prices of principal crops in each year ending the

District (1)	Rice common (cleaned)		Juar		Cotton (ginned)		Kodon and kutki (cleaned)	
	February 28th 1939.		February 28th 1939		February 28th 1939		February 28th 1939	
	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Rs. a.		Rs. a.		Rs. a.		Rs. a.	
Saugor	{ 1938-39 .. 3 8	11.0	1 11	20.0	..	..	..	..
	{ Normal .. 6 12	5.7	3 10	9.3	..	..	..	..
Damoh	{ 1938-39 .. 3 0	13.0	1 8	27.0	..	..	..	16.1
	{ Normal .. 6 10	6.0	3 8	10.9	..	..	..	..
Jubbulpore	{ 1938-39 .. 3 1	12.0	1 13	19.0	..	..	..	..
	{ Normal .. 5 12	6.0	3 12	10.2	..	..	..	..
Mandla	{ 1938-39	15.5	..	..	..	..	..	16.5
	{ Normal .. 6 0	5.4	..	..	..	..	..	8.0
Hoshangabad	{ 1938-39 .. 4 0	9.5	2 5	17.0	..	..	..	..
	{ Normal .. 7 0	5.3	4 0	9.3	34 0	..	..	..
Narsinghpur	{ 1938-39 .. 3 14	12.0	1 12	21.6	..	..	..	12.0
	{ Normal .. 6 12	5.8	3 12	9.7	..	..	..	..
Nimar	{ 1938-39 .. 3 0	11.5	2 7	17.7	12 4	..	..	..
	{ Normal .. 7 6	5.2	4 4	8.9	33 12	..	..	..
Betul	{ 1938-39	11.5	2 7	14.2	..	..	..	12.5
	{ Normal .. 7 0	5.5	3 12	10.2	..	..	..	7.8
Chhindwara	{ 1938-39	10.4	2 2	18.3	..	..	..	17.2
	{ Normal .. 5 10	6.4	3 10	10.6	..	..	..	7.5
Seoni	{ 1938-39	15.0	..	21.0	..	..	..	..
	{ Normal .. 5 8	7.8	3 10	10.3	..	..	..	9.0
Wardha	{ 1938-39 .. 3 4	11.9	2 12	14.3	13 4	..	..	..
	{ Normal .. 6 4	6.2	4 0	9.5	33 10	..	..	..
Nagpur	{ 1938-39 .. 3 4	11.8	2 9	14.7	12 1	..	..	..
	{ Normal .. 5 14	6.4	4 0	9.3	33 4	..	..	..
Chanda	{ 1938-39 .. 3 3	11.7	2 3	15.6	..	..	..	..
	{ Normal .. 6 4	6.4	3 14	9.6	33 12	..	..	..
Bhandara	{ 1938-39 .. 2 11	15.8	2 8	16.6	..	..	..	..
	{ Normal .. 5 8	6.8	3 12	10.0	..	..	..	..
Balaghat	{ 1938-39 .. 2 8	15.8	..	..	..	..	..	27.5
	{ Normal .. 5 10	7.4	..	..	..	..	..	11.5
Drug	{ 1938-39 .. 2 5	16.8	..	..	..	..	..	25.1
	{ Normal .. 5 0	7.2	..	..	..	..	3 8	12.1
Raipur	{ 1938-39 .. 2 8	15.7	..	..	..	..	..	..
	{ Normal .. 5 4	7.2	..	..	..	..	..	..
Bilaspur	{ 1938-39	16.0	..	..	..	..	..	..
	{ Normal .. 4 14	7.5	..	..	..	..	..	..
Akola	{ 1938-39	11.4	2 12	13.4	14 1	..	..	..
	{ Normal .. 6 8	6.2	3 10	10.0	31 14	..	..	..
Amraoti	{ 1938-39 .. 3 6	11.3	2 4	16.0	11 3	..	..	..
	{ Normal .. 6 10	6.3	4 0	9.5	32 0	..	..	..
Buldana	{ 1938-39 .. 3 15	8.2	2 10	15.3	12 7	..	..	..
	{ Normal .. 6 10	5.3	3 6	10.0	31 8	..	..	..
Yeotmal	{ 1938-39 .. 4 0	11.4	2 10	14.0	11 4	..	..	..
	{ Normal .. 6 8	6.5	3 10	9.9	32 2	..	..	..

*di strict of the Central Provinces and Berar during the agricultural
31st May 1939.*

Wheat		Gram		Til		Linseed	
May 31st, 1939		May 31st, 1939		February 28th, 1939		May 31st, 1939	
Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seers	Retail price in seers per rupee	Wholesale price per maund of 40 seer	Retail price in seers per rupee
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Rs. a.		Rs. a.		Rs. a.		Rs. a.	
2 5	16.0	2 10	14.0	4 7	..	4 9	10.6
5 0	7.7	3 10	9.9	7 12	5.6	7 8	6.0
2 6	16.9	2 6	15.9	3 15	9.9	3 13	10.2
5 0	7.9	3 10	10.0	6 10	5.3	7 0	5.7
2 8	15.0	2 12	14.0	4 0	8.7	4 9	9.5
5 0	7.5	3 8	10.8	8 2	4.3	7 4	5.0
2 15	14.5	2 12	14.6	3 14	7.2	4 0	..
5 2	7.7	3 12	10.3	5 1	5.0	5 4	..
2 7	14.4	3 1	12.2	4 7	7.8	4 9	8.8
5 8	7.1	4 6	8.8	.. 15	4.0	7 2	5.4
2 12	13.3	2 14	14.3	.. 12	9.2	4 4	8.3
4 12	7.4	3 12	9.6	7 6	5.3	6 14	5.6
3 3	12.4	2 8	14.9	4 13	8.0	4 0	9.0
5 10	6.8	4 8	8.5	8 4	..	..	..
3 2	12.4	3 0	14.3	4 6	..	4 1	..
5 2	8.0	4 2	9.4	8 1	4.0	7 2	..
2 13	14.1	3 0	13.7	..	6.6	4 12	9.7
4 12	7.8	4 2	9.8	7 12	4.7	6 10	5.2
2 8	16.0	1 14	13.0	..	9.0	4 3	9.5
4 12	7.6	4 0	9.5	..	4.9	7 8	5.5
3 5	10.6	3 8	10.0	4 12	7.1	4 5	8.5
5 8	7.0	5 4	7.3	8 8	4.3	6 14	5.5
3 4	11.7	3 10	10.6	5 5	6.0	4 15	7.5
5 8	6.8	4 8	8.1	8 12	4.3	7 12	5.8
3 7	11.3	3 14	9.8	5 8	7.0	5 0	8.7
5 10	7.0	5 2	7.5	8 5	4.5	7 6	5.0
3 6	11.3	3 9	10.7	..	5.4	4 11	10.0
5 0	7.5	4 8	8.2	8 10	3.5	7 4	5.4
..	13.6	..	14.0	..	8.0	..	11.4
..	7.1	..	8.5	..	4.8	6 0	5.7
2 6	16.6	2 14	13.3	3 15	9.8	4 0	10.0
4 8	8.1	3 14	9.2	7 3	5.3	6 10	6.0
2 9	15.0	2 8	15.3	4 12	8.5	4 0	9.3
4 10	7.8	4 14	8.7	6 10	5.0	6 10	5.9
2 11	14.0	3 1	12.5	4 11	7.0	3 7	7.0
4 8	8.5	4 2	8.8	6 11	5.0	5 12	6.5
3 7	13.7	3 10	10.0	5 14	..	4 8	..
5 12	6.0	4 8	7.5	9 4	..	8 0	..
3 3	11.7	3 4	12.1	5 0	8.8	5 0	9.0
6 0	6.0	5 4	7.3	9 1	..	7 14	..
3 10	10.9	3 15	10.2	4 8	6.7	5 1	9.4
5 12	6.4	4 12	8.0	8 7	..	7 4	..
3 5	11.0	3 10	11.5	4 14	8.3	5 0	8.0
6 0	6.8	5 10	7.4	8 0	..	7 4	..