

## PAPERS

relating to the

# SECOND REVISION SETTLEMENT 

OF THE

## SAKRI TALUKA

of THE

## WEST KHANDESH DISTRICT

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INDEX TO THE CORRESPONDENCE RELATING TO THE SECOND REVISION SETTLEMENT REPORT OF THE SAKRI TALUKA, DISTRICT WEST KHANDESH.


Rao Saheb D. G. Shaligram, B.A., •

Settlement Officer, C. D., Nasik;
. To
'The COLLECTOR of WEST KHANDESH, Dhulia.
Reference.-G. R., R. D., No. 1016/39, dated 29th August 1040. Sir,

I have the honour to submit proposals for the Second Revision' Settlement of Sakri Taluka.

## Introductory.

2. At the time of original settlement, the Taluka consisted of two divisions, Pimpalner Subha and Nizampur Peta, and comprised 257* -170 sabha. . villages, of which 253 were Government and . 87 Petha 4 Inam. The two divisions above referred to - were amalgamated in 1887-88 by Government, Resolution, Revenue Department, No. 4203, dated 7th July 1887. The following statement shows the changes in the constitution of the Taluka since the date of the original settlement :-

[^0]It will be seen that the position as regards the number of villages was the same at the time of revision settlement as it is now, there being 164 Government and 2 Inam villages in the Taluka. During the period of the current settlement 20 villages which were transferred to Nawapur Taluka in 1918 have been since retransferred to Sakri Taluka in 1923 and 1937 as pointed out in the above statement.
3. The Head-Quarters of the Taluka was transferred from Pimpalner to Sakri in 1887 on account of the malarious nature of the climate of Pimpalner but the Taluka continued to be known as "Pimpalner" till 1908 when it began to be called ". Sakri" in accordance with the orders in Government Resolution; Revenue Department, No. 2667, dated 13th March 1908.
4. Out of 164 Government, villages, 2, e.g., PetIa and Nagpur are entirely forest and the remaining 162 were settled or resettled at various dates under the authorities mentioned in the following statement:-

5. The Original Settlement reports of Nizampur Peta and Pimpalner Subha and the first Revision Settlement report of Pimpalner Taluka (as it was then called) are contained in No. CCCCXXII-New Series of the Selections from the records of the Bombay Government and Government Resolutions Nos. 3108, dated 31st July 1869 and 3811, dated 9th August 1870, are published in Appendix R in the same Selection.

> Ínam villages.
6. Mapalgaon and Dhongade are the two Inam villages in the Taluka. Original Settlement was introduced in them in accordance with Government Resolution No. 3811, dated 9th August 1870 and Revision Settlement in accordance with Commissioner, C. D.'s letter No. T.R. 13, dated 2nd March 1906, addressed to the Director of Land Records.
7. As stated in paragraph 4 above 2 out of 164 Government villages are entirely forest and in one village called "Umbharpata" the original. settlement introduced in 1904-05 is in force. In the remaining 161 Government and 2 Inam villages the first Revision Settlement introduced in 1904-05 and 1906-07 respectively still prevails. The report, therefore, deals with 162 Government and 2 Inam villages.
8. The current settlement of the Taluka (including Inam villages) expired in 1933-34 but revision settlement was not undertaken earlier in view of the promise given by Government in their Press Note No: P. 186, dated 16 th July 1929, that no revision settlements will be undertaken till the principles regarding revision of agriculture assessment were incorporated in the Land Revenue Code. The principles. have since been determined and incorporated in the Land Revenue Code by Bombay Act XX of 1939 and the present report is prepared in accordance with the provisions
of the Code so amended.

## Physical Configuration.

9. The Taluka is bounded on the:-

| North <br> South | $\ldots$ | $\ldots$ |
| :---: | :---: | :---: |
| ... by Nandurbar Taluka; |  |  |

10. Most of the eastern half of the Taluka is a fairly level plain with a hill here and there but the western half commencing with Pimpalner is hilly and the cultivation is confined mostly to the intervening valleys. This Taluka and Nawapur Peta formed the old Pimpalner Subha at the time the original settlement was introduced. The Khandesh Gazetteer givse the following description of the physical features of the old Pimpalner Subha :-
"" The most mountainous of the Khandesh sub-divisions, Pimpalner, consists of two distinct portions, the plain or desh and the hill lands or dang separated by the Sahyadris. The desh or eastern part, lying above the Sahyadris, is crossed by abrupt mountainous ranges running generally from west to east and divided by valleys of varying breadth. The most considerable range are the Shelbari hills which run along the southern boundary. Almost all the arable land is in the valleys, which. except some mango groves along the banks of rivers, are rather bare of trees. The western or dang portion lying below the Sahyadris, is full of steep hill ranges covered with forest broken here and there by the casual tillage which surrounds Bhil hamlets. The Sahyadris come to an end in the north-western corner of this Subha and though they gradually fall away towards the Tapti, they form a very noticeable feature from the plain lands in the east."
11. There are the following six rivers in the Taluka:-

Panzra, Kan, Burai, Jamkhadi, Pan and Rodi.

## The Panzra.

12. The Panzra rises in the Sahyadri hills to the south of Shenvad. village, has a rocky bed which is narrow up to Pankheda but broadens thereafter, and from there it runs nearly parallel to the Pimpalner-Sakri and Sakri-Dhulia roads, enters the Dhulia Taluka near Bhadane and joins the Tapti river in Sindkheda Taluka.
,

## The Kan.

13. The Kan river rises in the Sahyadri hills on the western borders of Chaupala village. It has a very narrow bed till it enters the limits of Khandbara village but it widens thereafter and after flowing almost parallel to the Chinchpada-Sakri section of the Dhulia-Surat road joins the Panzra near Dątarti village.

## The Burai.

14. This river rises in the hills to the south of Durudkha village and flows in a narrow bed up to the limits of the village of Bramhanwel but widens thereafter, flows through the northern most part of the Taluka and enters Sindkheda Taluka near the village of Balsana and thereafter joins the Tapti river.

## The Pan and Rodi.

15. These rivers are the tributaries of the Burai river. The latter rises in the hills near Domkani village and joins the Burai near the village . of Akhada, crhile the former has its source in the hills near Rojgaon and
joins the Burai within the limits of the Sindkheda Taluka. The river Jamkhadi rises in the Sahyadri hills to the west of Pimpalgaon village and. joins the Panzra near Mhasdi village.
16. Of the rivers mentioned above the Panzra and Kan flow throughout the year and feed the many pacca bandharas constructed in their beds in the past. The Burai also flows throughout the year and has got numerous pacca bandharas but its supply of water for irrigation lasts till the end of March only in the villages to the east of Runmali. Rodi and Pan which are the tributaries of the Burai cease to flow after the cold weather and have ne pacca bandharas built in their .beds. The river Jamkhadi also runs dry from March onwards.
17. The climate of the eastern half of the Taluka is unhealthy in the Monsoon and a few months thereafter but that of the western part commencing with Pimpalner is notoriously unhealthy throughout the year. Malaria is the prevalent disease in the western half. From February to May the climate of the eastern half is cooler than that of the neighbouring. Talukas of Dhulia and Sindkheda and is, therefore, more pleasant.

」 Rainfall. .
18. The rainfall is not uniform throughout the Taluka. The eastern half commencing with Sakri gets less rain than the western half, the average figures of rainfall as shown by the statistical atlas of 1925 being 18.01 inches for Sakri and 20.94 inches for Pimpalner. This is natural considering that the eastern portion; as stated in paragraph 9 above, is more or less a level plain while the western tract is full of ranges of the Sahyadri hills.Form A shows figures of rainfall as recorded at Sakri during the last 40 years and the average for this period works out to 18.56 inches. The figures of average rainfall for each of the last 4 decades. work out as under:-

| Serial No. |  | Period. |  | Averag | rainfall in |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $\ldots$ | 1901-1910 | $\cdots$ | - ... | $17 \cdot 14$ |
| '2 | $\ldots$ | 1911-1920 | $\cdots$ | $\cdots$ | 17.93 |
| 3 | ... | 1921-1930 | ... | $\cdots$ | 19.52 |
| 4 | ... | 1931-1940 | ... | ... | 19.65 |

Detailed remarks on the character of each season are given in Form A. 1907 and 1908 with an average rainfall of 11.68 and 8.70 inches were the *orst years in the first decade and four of the other seasons 1901, 1904, 1905 and 1909 were also below normal. The worst years of the second decade were 1911, 1918 and 1920 in which the rainfall was less than half the average. 1918 was a notoriously bad year with famine conditions prevailing almost everywhere in the Deccan and besides it wis the year in which the influenza epidemic levied a heavy toll. In 1913, the rainfall was less than normal, but it was well distributed and just sufficient for the crops and consequently the season was fairly satisfactory. The fall in the third decade was better than the past two decades being in excess of 17 inches in 7 out of 10 years and even in 2 of these three years the crops were from moderate to fair. In the third year, i.e., in 1921, they were, however, below the normal. In the fourth and last decade the rainfall in 4 out of 10 years was less than the average, but even so the crops did not suffer except in two years, i.e., 1934 and 1936, because whatever rain fell was timely and was, therefore, of great use to the standing crops. This last decade was in fact the best as it contained only two years in which the rainfall was less than half the normal in one year and less than the normal in the other and as a result the crops failed and suspensions of Land Revenue had to be given to some extent. It will be seen that of the period of 40 years the first 20 contained five years in which the rainfall was inadequate and illdistributed and in the last 20 years, there were only three years, 1921, 1934 and 1936 in which the crops failed to some extent on account of inadequate rainfall. It is thus clear that of late the rainfall in the Taluka is found to be adequate and is generally better distributed.

## Markets.

19. Most of the cotton produced in the Taluka is taken for sale either to Dondaicha or to Dhulia where better prices are paid than any where in or near the Taluka. Kasara, Pimpalner and Nizampur still continue to be the chief weekly markets in the Taluka for the sale of cereals and other agricultural produce. Weekly markets are also held at Warshe, Dahiwel, Mhasdi, Sakri and Chadwel (Korde) but these are insignificant as compared with the markets at the abovementioned three places. These eight bayaars are quite sufficient for meeting the requirements of the Taluka population. The weekly bazaars which were being held at Bramhanwel and Dhaner at the time the current settlement was introduced have ceased to exist as the villages have deteriorated and the weekly markets at Dahiwel, Chadwel (Korde) and Nizampur are patronized by the villagers concerned.

## Communications.

20. Dhulia on the Dhulia-Chalisgaon section of the G. I. P. Railway and Chinchpada on the Tapti Valley Railway, which are about 33 and 28 miles respectively from Sakri are the two Railway stations nearest to the Taluka. The two other markets mostly used are Nandurbar and Dondaicha which are about 36 and 44 miles from Sakri. It was expected at the time of the current revision settlement that the construction of the Tapti Valley Railway would enable the Taluka to develop but no great improvement in the economic cenditions of this tract has resulted from the construction of this railway as the places served are still at great distances from the Taluka.
21. The Taluka is served by the following roads :-


Of these Nos. 1 and 2 were constructed during the currency of the original settlement but No. 1 was then simply murummed and No. 2 was metalled. No. 1 has since been metalled. No. 3 was constructed during the period 1919 to 1921 at a cost of Rs. 95,583 and is metalled. These three roads meet the needs of most of the villages in the Taluka.

Apart from the roads mentioned above three sections of the road from Sakri to Pimpalner running in different directions were constructed during the period 1919 to 1928 as detailed below :-


No. 1 has completed the unmetalled portion of the Khandesh-Nizam Frontier road and facilitated communication between Baglan and Sakri Talukas and on to Malegaon while Nos. 2 and 3 have not only facilitated the transport of forest produce from Umbharpata and other neighbouring forest areas but have also been of great use to the villages situated in the western hilly tract.

## District Local Board Rouds.

22. There are only two roads exceeding 5 miles in length which vest in the District Local Board. They are the Pimpalner-Dahiwel road ( 7 miles in length) and the Kalambhir-bari-Dusana road (about 9 miles in
length). Of these, the Kalambhir-bari-Dusana road is being constructed and 7 miles have been so far completed. It is intended that this road should be constructed up to Dondaicha and when this is done the Dondaicha market to which most of the jaggery and wheat from the Taluka is taken for sale will come within easy reach of the Sakri cultivators. At present the road is nothing but a country track on which several loaded carts have their axles broken on their way to Dondaicha every year. The long felt need of putting this road in order has been appreciated by the District Local Board and Rs. 52,053 have been spent on it so far. The recently constructed Pimpalner-Dahiwel road is all earth work and is, therefore, of very little use in the monsoon.
23. In addition to the above roads there are several cart tracks which can be conveniently used during the fair season. The Taluka is provided with a fair number of good roads and cart tracks and excepting a few villages on hill tops such as Malgaon and Pagna, there are no villages which cannot be reached by a bullock-cart in the fair season.

## Soil.

24. Most of the soil in the Taluka is light being of the "Barad" quality the average classification value being 4 annas 7 pies. This being so it does not retain moisture for a long time, nor is it capable of growing heavy crops like cotton in the western half of the Toluka were the climate. is cold and rainfall heavy. In the eastern part, the climate is hot, the rainfall is just sufficient and the soil is better suited for growing crops like Cotton and Bajri and actually most of the area occupied by these crops lies in that part. The climate and rainfall of the western part of the Taluka are better suited for light crops like Ragi and other hill millets. Whatever good soil exists in the Taluka lies along the banks of the rivers which supply water for growing rich crops like Sugarcane, Wheat, Methi, etc. -

## Standard of Husbandry.

25. Bajri and cotton are the two principal crops of the eastern section of the Taluka commencing with Pimpalner while Ragi and Niger-seed and hill millets are the chief crops of the western part. The methods of cultivating these have not undergone any change. In recent years an attempt is being made by the Taluka Development Association to introduce improved varieties of seed. The quantity of each kind of seed distributed on payment of cash in 1939-40 was as under:-

Name of seed.

| Pusa Wheat No. 4 | -.. | ... | Lbs. $32,445$ |
| :---: | :---: | :---: | :---: |
| Akola Bajri | ... | $\cdots$ | 4,979 |
| Jarilla Cotton | $\ldots$ |  | 7,840 |

The Association has also tried to popularize improved varieties of Cane such as EK- 28 and CO-413 but the bagaitdars are not taking to them as the Gul (Jaggery) manufactured from them does not fetch better prices than that prepared from the old variety called "Khadya." cane.

The iron plough was unknown at the time the current settlement was introduced but since its appearance in 1925-26 it has become popular and there are now as many as 437 iron ploughs in the Taluka. From Form A-2 it will be seen that most of them are owned by land holders residing in villages in the 1st and 3rd groups in which the maiority of Patasthal villages lie. There are no iron-ploughs in the 4th and 5th groups because the soil is lighter and iron ploughs which benefit richer soils are of no use in the area. Of the 437 iron ploughs 55 are owned by the Taluka Development Association which lets them on hire on payment of rent of 2 to 3 annas per day. per plough.
26. Dry crops like Bajri and Kulith are grown in altermate years in Jirayat lands but where the lands permit other crops are also grown, the most common rotation in the eastern part of the Taluka being:-
(1) Bajri.
(2) Kulith.
(2) Bajri.
(2) Kulith.
(3) Cotton.
(3) Bajri.
(3) Cotton.

As only rich soils can stand cotton every second year the last rotation obtains in a very few villages but the first two prevail every where else.

As stated in paragraph 24 above, cotton cannot be grown in the western hilly parts of the Taluka on account of the cool climate and excessive rainfall and the soil also is not fitted for its cultivation. Nagli, Khurasni, Sawa and Warai are the principal crops grown in that part. There is no fixed rotation for these crops.
27. As regards bagait lands those watered by well water cover a very small area and have no regular rotation but those irrigated by pat water used to be sown- according to the Phad system detailed in paragraphs 27 and 28 of the Second Revision Settlement Report of Baglan Taluka. This Phad system has been practically abandoned almost in every patasthal village except Dhadne, Samode, Surpan and Pimpalner and the principal reason is stated to be the temporary abandonment of the cultivation of Cane in many villages on account of the fall in the-price of Gul (Jaggery) in the last 10 years or so. In the 4 villag?s mentioned above the Phad system, is, however, scrupulously followed and the Cane planted in most of the bagait lands in 1940-41 was of the Khadya (old) variety.
28. The cultivators manufacture their own Gul by means of steel crushers and pans and it is taken to the Dondaicha market for sale as better prices are realized there on account of competition.

## Population and Supply of Labour.

29. The following figures give an idea of the variation in the population of the West Khandesh District as a whole :-
Per cent. inorease or decrease from
previous Census.

The figures for Sakri Taluka are as under :-


The figures show that the population increased by 38 per cent. over the 1901 figures in 1911 while in the next decade there was a decrease of 18 per cent. This reduction cannot be accounted for satisfactorily in view of the fact that during the same period the population of the District increased by nearly 6 per cent. over the 1911 figures instead of undergoing any reduction. Perhaps the influenza epidemic may have taken a heavier toll in Sakri than in other parts of West Khandesh. In the third decade the increase was phenomenal being as much as 50 per cent. over the 1021 figures as against the increase of 20 per cent. in the population of the District as a whole. This can only be explained by the assumption that large emigration occurred after the famine and influenza epidemic of 1911, and the pmigrants returned to the taluka between 1921 and 1931.
30. The western half of the taluka is hilly and is more thinly populated than the eastern or deshi part which contains most of the excellent patasthal villages employing a large, amount of labour. There are no industrial towns like Dhulia and this accounts for the small population of the Taluka as compared with the neighbouring taluka, e.g., Dhulia which had a population of 155,915 souls in 1931 . Pimpalner and Kasara, the two biggest villages had a population of 4,007 and 3,218 souls only in - 1931. The population of these two villages consists mostly of shop-keepers - and money-lenders who have secured large areas of land by money-lending transactions. In other villages of the Taluka the population consists mostly of agriculturists who own lands or take them on lease from others for cultivation. The population consists of Marathas, Malis, Kokanis, Bhils and Mahars in all but the western most villages of the Taluka where Mavachis of Nawapur side predominate. Of these, the Marathas form the bulk of the cultivating classes. In the western hilly villages, the Kokanis, Bhils and Mavachis form the bulk of the cultivators and the application of section 73-A of the Land Revenue Code to these villages has saved the lands of these improvident agriculturists from passing into the hands of the Sawkars.

## Form A-1.

31. The figures required to fill in this form were called for from the Director of Agriculture as required by Land Revenue Rule 19-A (2) (vi) but they are not available. The figures entered in the form were, therefore, collected from the village officers. It will be seen that the number of labourers has considerably increased and the number of tenants and sub-sharers has also similarly risen. It is. however, difficult to form a correct estimate of the changes that have taken place as it is not clear how the figures in columns 2 and 4 were collected at the time of the current settlement. The number of tenants, etc., in column 2 for 1939-40 is made up of tenants who number 3,463 and dependents and members of the families of the land holders who find place in cotumn 3. The following details regarding the number of .occupants and tenants, etc., are instructive :-


Nite.-Thestatement accounts for an ares of 259,931 acres whereas the occupied area is 260,579 acres. There is a difference of 848 aores whioh the Taluka Uffice is una ble to account for.

Of the total occupied area 86 per cent. is cultivated by occupants and only 14 per cent. by tenants. The majority of tenants pay rent either in cash or in kind. As most of the land is held by occupants is is clear that
agriculture is the principal occupation followed by 84 per cent. of the population. The remaining 16 per cent. is made up of banias, carpeuters, craftsmen and others engaged in weaving, etc.
32. The area of the Taluka is 754 square miles and the density of population per square mile which in 1921 was 79 fer square mile rose th 118 in 1931 and it is seen from the provisional figures of the current jear's Census that this figure has risen still further. The area of land occupied for cultivation in 1894-99 was 223,018 acres and this has now risen to 260,579 acres, i.e., by about 17 per cent. There has thus been an increase of 37,561 acres or 17 per cent. in the area occupied for cultivation against an increase of population of 36,104 or 68 per cent. during the same period. The area of Government waste which in 1894-99 was 168,231 acres has been reduced to 62,157 acres in 1939-40 and steps to dispose of the available cultivable land out of this are being taken by the Revenue Department. The increase in the area actually cultivated is, however, 37 per cent. above the 1804-99 figure as against the increase of 68 per cent. in population.

## Supply of Labour.

33. Most of the Bhils throughout the Taluka and Kokanis and Marathas who have no lands of their own are employed in patasthal villages during a part of the year. They also find employment in the Taluka in the harvesting of Kharif crops and the picking of cotton. Thereafter, a large number of them and their families migrate temporarily to the Tapti river-side villages for cutting and harvesting Wheat which grows there in abundance and return after a couple of months with cash enough to maintain themselves for a month or two. The Taluka is self-sufficient from the point of view of supply of labour and, therefore, there is no immigration on that account.

## Education.

34. At the time the current settlement was introduced there were 16 ,boys' and 1 Girl's school in the Taluka with an average attendance of 1,047 boys and 25 girls respectivelv. This number has increased to 58 (Local Board) boys' schools and 6 girls' schools with an average attendance of 4,230 boys and 282 girls respectively. In addition there are mission schools in 5 villages and voluntary primary schools opened by the Bhil Sudhar Samiti, Dhulia, and private enterprise in 38 more villages. The average daily attendance in these schools during the year 1940 was 1,175 boys per day.

## Agricultural resources-Form A.-2.

35. The quinquennial Census of Cattle and agricultural implements, etc., was made a year before the settlement enquiry commenced. Form A.-2 shows the figures of agricultural stock according to this Census and as they stood at the time of the First Revision Settlement. It will be seen that the number of all kinds of cattle except cows and bulls for breeding and other purposes has increased. The increase in the number of Cattle used for ploughing is 56 per cent. as against the increase of 16 per cent. in the occupied area over the same period. The number of milch cattle under Cows has fallen by 2 per cent. while that under she-buffaloes has increased by more than 50 per cent. against an increase of about 68 per cent. in the population of the Taluka during the same period. The total number under young stock has also increased by 23 per cent. and the slight fall under fully grown Cows is only due to the change in the present method of classification. The number of horses and ponies has also increased by nearly 50 per cent. The number of sheen shows an increase of more than 200 per cent. while that of goats only 31 per cent.
36. Carts for passengers and also for goods traffic have increased from 1,224 and 3,522 to 1,047 and 5,964 respectively. The increase in the number of carts for passengers is remarkable in view of the fact that regular bus services now operate from Sakri in almost all directions to the Railway
[^1]Stations of Dhulia, Nandurbar and Chinchpada. The increase in the number of carts for goods traffic is also not insignificant being 69 per cent. above of the figures of the First Revision Settlement. The increase in carts for passenger traffic indicates a higher standard of life.
37. As pointed out in paragraph 25 the iron plough was not known at the time of the inquiry regarding the current settlement was made. In 1919-20 there were only 2 iron ploughs in the whole Taluka but in 1939-40 there were as many as 437 . Besides these, there are 14,281 wooden ploughs as against 9,021 at the time of the current settlement. There is thus a distinct increase in the number of ploughs and also improvement in its quality and the cropped area per plough which in 1897-98 was 15 acres is now reduced to 13 acres.

## FORM A.-3.

## V'ariations in the occupied area and Cultivated lands.

38. In 1894-99 the total occupied cultivated area was 161,350 acre; while the occupied fallow was 61,668 acres. During the 40 years that followed the former area rose to 221,357 acres recording thereby an increase of 60,007 acres while the latter fell to 39,222 acres. The increase in cultivated area was absorbed by the extension of cultivation of Cotton and Bajri-the two major crops of the Taluka. The Taluka is mostly Kharif and the position of the most important Kharif crops in the last 30 years was as under:-

## Bajri.

39. Form A.-3 shows that Bajri which is the principal food crop of the Taluka covered 71,028 acres on an average in the period 1894-99 while in 1939-40 it occupied 106,673 acres (i.e., 48 . per cent. of the total assessed cropped area). In the intervening period of 40 years the area under this crop gradually rose as more waste land came under cultivation until it reached the highest figure of 106,673 in 1939-40. It was only in 1920-21 and 1926-37 that the area under this crop had fallen to 58,387 and 51,693 acres respectively on account of want of timely rainfall in the months of June and July when Bajri is generally sown. The reduction in area in 1920-21 was taken up partly by the extension of area under Jowari while the balance remained unsown and the fallow area which in 1894-99 was 61,668 acres increased to 93,383 acres in that year. In 1936-37 the

- reduction in the area under Bajri was taken up by the extension of cultivation of cótton and also of Jowari which occupied an area of 44,946 acres and 26,761 acres in that year as against 12,523 and 6,029 acres respectively in the period 1894-99. It is clear that the area under Bajri crop has steadily increased.


## Cotton.

40. Next to Bajri, the second largest area is occupied by Cotton. It is a money crop which enables the cultivator to pay his dues to the Sawkar and also the revenue due to Government. During the period 1894-99 this crop occupied on an average an area of 12,523 acres or 7.76 per cent. of the total cultivated area. During the 40 years that followed this area rose to 42,318 acres or 19.11 per cent. of the total cultivated assessed area. All this cotton is grown in the tract to the east of Pimpalner because the climatic conditions, rainfall and the lands in that tract are better suited for its cultivation than any other crop. The cultivation of this crop is likely to increase if its price shows a tendency to rise.

Rice..
41. The average area occupied by this crop during the period 1894-99 was 3.736 acres or 2.31 per cent. of the total occupied cultivated area. In 1909-10 the ariea rose to 5,098 acres and thereafter varied between 3,028 (1920-21) and 7,961 (1923-24) acres during the succeeding 30 years. In 1939-40 the area suddenly rose to 13,900 acres or 6.27 per cent. of the total occupied cultivated area. The figures for 1939-40 reporteđ̃ by the Taluka

Office seem to be unreliable as neither the rainfall of Kharif Monsoon (5th June to 14th August) nor the total rainfall in 1939 justify a sudden extension of rice cultivation.

## Wheat.

42. This is another money crop of the Taluka. In 1939-40 it covered an area of 4,682 acres as against 5,020 acres of 1894-99. The reduction in area is due to the fact that several Kacha bandharas which used to provide water for growing this crop have ceased flowing.

## Oil Seeds.

43. These covered an area of 20,332 acres in the period 1894-9! but the area has been reduced by more than 40 per cent. during the last 40 years. The principal reductions are in the area of Linseed and Til which formerly covered an area of 1,633 and 12,602 acres respectively but which covered an area of 90 and 1,237 acres only in 1939-40. Ground-nut which was unknown 40 years ago now occupies 3,459 acres while Niger-seed (i.e., Khurasni), which covered an area of 4,948 acres 40 years ago now covers 6,583 acres which means an increase of 1,635 acres. There is, however, no doubt that inspite of these increases under ground-nut and nigerseed the total area under oil seeds has gone down considerably.
Sugarcane (i.e., Gul).
44. Cane which covered an area of 956 acres 40 years ago was grown in 485 acres only in 1939-40. This is the principal money crop grown in pat irrigated lands but on account of the fall in the price of gul its cultivation is found to be unprofitable and consequently the area under sugarcare is considerabily reduced.

> Gross A rea-Form A.-4.

45: Form A.-4 shows occupied cultivated area, occupied fallow, Government waste, Forest and other land not fit for cultivation from 1910-11 onwards. The figures fir the previous 10 years aro not arailable. It will be seen that the gross area of 1894-99 is only 3 acres more than that of 1939-40 and this increase being insignificant calls for no explanation. The figures for the intervening period of 30 years, however, show that in 1918-19 the gross area was reduced by 105,339 acres and this was due to the transfer of 20 villages to the newly constituted Nawapur Taluka. In 1922-23 the area increased to 576,345 acres as' 17 out of the 20 villages which were transferred to Nawapur Taluka were retransferred to this Taluba in that year and on the retransfer of the remaining three villages of Burudkha, Lagadohol and Raytel in 1937, the gross area of the Taluka reached its former level of 588,077 acres.

Fallows, etc.-Form A.-4.
46. Cultivable occupied area.-The following figures show the increase or decrease in occupied cultivated area, occupied fallow, Government waste, etc. :-


During the period 1899-10 the Government waste was reduced by 81,567 acres as 58,061 acres were afforested, 13,711 acres were given out for cultivation and the remaining area was allctted for uses under other heads. The increase in cultivated area during the same period was due partly to more occupied area being brought under cultivation and partly to the cultivation of Government waste given out for private occupation.

The difference in the figures shown against the years 1918-19 and 1910-11 is due partly to the transfer of 20 villages to Nawapur Taluka which was newly constituted in that year. In the year 1922-23, 17 out of the 20 villages were retransferred to this Taluka and this explains the difference in the figures of the year 1918-19 and that year. During the period between 1922-23 and 1935-36, it appears that more occupied fallow land was brought under cultivation and the total cultivated occupied area rose to 214,581 acres on that account. The increase in total cultivated occupied land during the next five years is due to the same reason and also to the fact that the remaining three villages of Burudkha, Lagadohol and Raytel which were transferred to Nawapur Taluka were retransferred to this Taluka in 1937. Steps for the disposal of the Government waste land available for cultivation are being taken by the Revenue Department. Of the occupied fallow land nearly 45 per cent., i.e., 17,781 acres is rotation fallow and the rest is either rocky or left fallow due to the negligence of the cultivators.

## Water Supply.

47. Appendix 1 gives an abstract of the sources of water supply not only for drinking but also for irrigation purposes. It will be noticed that besides wells, which number 2,688 , (in use) there are rivers, nallas and handharas which serve the same purpose as that of wells:-
(a) the rivers which drain the Taluka are described in paragraphs 11 to 15 above. As stated in paragraph 16, the Panzra, Kan and Burai rivers flow throughout the year and feed the many pats which provide water for the irrigated crops of rice, sugarcane, wheat, methi, etc., grown on their banks. The other three rivers are mainly useful for supply of drinking water. A few Kacha bandharas are annually constructed on the Rodi near Jaitana village;

- (b) wells are still the chief source of supply of water in villages situated far away from the rivers. The following comparative statement shows the position as regards wells :-

| Vear | For Irrigntion |  | For drinking |  | For Cattle |  | In disuse |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | P. | K. | P. | $\mathbf{K}$. | P. | K. | P. | K. |
| 1896-97 |  | , 66 | 827 | 19 | 11 | 2 | 100 | 30 |
| 1937-38 | 1,161 | 287 | 1.010 | $1: 8$ | 39 | 13 | 150 | 156 |

The number of wells for irrigation has trebled during the last 40 years while that for supply of drinking water has increased by nearly 25 per cent.
48. Apart from the sources of water supply shown in Appendix 1 there are numerous springs fed from the hills in the northern, western and - southern parts of the Taluka which supply water to nallas running through the Taluka. These nallas provide water not only for drinking purposes but some of them also feed pats which water the lands below their level.

- In the hot weather these nallas show no signs of water on the, surface but yield enough supply for drinking purposes to the population if wells 3 or 4 feet deep are excavated in their beds. In the eastern half, particularly in the north-eastern sector of the Taluka above the Sakri-Dhulia rcad, there is a dearth of water in the hot weather as the wells, even when dug deep, dry up in the hot weather. The major portion of this sector is hilly and has n'rocky sub-stratum.


## Wages.

49. Form A-5 shows the prevailing agricultural wages as recorded in the Mamlatdar's Office at Sakri. It will be seen that rates of wages were 4 annas per head per day from the year 1911 to 1918 but thereafter rose by an anna or two till the year 1925. In 1926 they were 8 annas a day but again went down to 6 annas in the succeeding year and remained almost stationary at that figure till 1931. This was due to the post-war boom and the consequent rise in the prices of food stuffs and other necessities of life. Since 1931 the rates have come down to the previous level of 1910-1918 and continue at that level now. It may be mentioned that the rates are necessarily those prevailing at Sakri and the neighbouring patasthal villages but slightly lower rates are generally paid in the pure dry crop areas to the west of Pimpalner and to the north of the Dhulia-Surat road. In the cotton collection season, higher rates are paid but this depends upon the supply of labour available for the purpose. In the western hilly villages wages are generally paid in kind being 3/4th to 1 Champa ( $=2$ seers) of Nagli or 1 Champa of Varai or Sawa in addition to the supply of 1 meal consisting of 2 breads of Nagli or Sawa. The value of this quantity of grain and bread comes to $2 \frac{1}{2}$ to 3 annas.

## Prices.

50. Form A-6 and the graph attached to it show the movements of retail prices of Bajri which is the principal crop of the Taluka and the money crops of Wheat, Cotton, Rice and Jaggery during the last 35 years. The last settlement report took into consideration the prices of the period 1888 to 1898 . The average prices of this period are, therefore, shown at the top of the statement. A glance at the statement shows that the price variations fall into three distinct periods, .viz., 1905 to 1917, 1918 to 1930 and 1931 to 1940.

> Bajri.
51. This covers 48 per cent. of the total cultivated area. In the 13 years of the first period the price of this grain rose by 43 per cent. over the average of the period 1888 to 1898 . The second period shows an abnormal rise to 133 per cent. over the 1888-1898 prices and this was mainly due to the fact that the period included the famine years of 1918-1921 and the post-war boom period. The third period shows an average rise of 32 per cent. Bajri is, however, grown mostly for local consumption and variations in prices do not materially affect the conditions of the agriculturists as a whole.

## Cotton.

52. This covers 19.11 per cent. of the total assessed cultivated area and it is the second largest crop produced in the Taluka. Generall; cotton is not sold at Sakri and hence the Mamlatdar's Office record does not give the prices fot those years in which it was not sold at the place. The prices for the years that are available show that in the first period of 13 years the price of cotton rose by 50 per cent. and in the second period. not only was this rise maintained but actually the prices shot up and the average of the period gives a rise of 112 per cent. over the 1888-1893 average. The reasons for this increase are the same as those given in the above paragraph against "Bajri". In the third and last period of 10 years this rise in prices was not maintained and the average increase during the period was only 20 per cent. over the 1888-1898 average.

Wheat and Rice.
53. The price of cleaned rice rose by 25 per cent. in the first 13 years of the current settlement while that of Wheat rose by 33 per cent. In the second period of 13 years these prices rose by 100 per cent. in the case of Rice and 120 per cent. in the case of Wheat for the same reasons as given above in the case of Bajri. This rise, however, did not last long and during the following ten years the rise was only 8 per cent. and 21 per cent. respectively over the 1888.99 level.
$\mathrm{L}_{\mathrm{Bz}} \mathrm{Oa} 37-4^{\circ}$

## Jaggery i.e., Gul (manufactured from Sugarcane).

54. 'The price of gul rose by 45 per cent. in the first 13 years of the current settlement but in the succeeding 13 years the rise went up to 100 per cent. on an average but unfortunately this rise did not last long and during the last 10 years the average price came to the presettlement figure thereby liquidating the increase it had gained during the intervening period of 26 years. ${ }^{\text {It }}$ is mainly on account of the fall in the price of Gul that the area under this crop is considerably reduced in recent years.

## Trade and Industries.

55. As pointed out in paragraph 31 agriculture is the principal occupation of the majority of the population and the Taluka has, therefore, only those industries which are connected with agriculture. -Appendix 2 shows the details fegarding manual and power industries. At the time the curzent settlement was introduced there were no industries worked by mechanical power but there are now 2 rice husking machines and 8 grinding and 2 Oil Mills worked by mechanical power in the Taluka. The area under oil-seeds has been considerably reduced during the last 40 years and consequently the number of oil presses worked by bullocks, etc: has gone down from 71 (in 1897 08) to 22 in 1940. The number of cotton and woollen looms has risen from'
' 30 and 27 to 37 and 51 respectively. Coarse Khadi is woven on hand looms and sold in the local taluka markets, the yarn required being purchased from the Dhulia market. Coarse woolen blankets are turned out on the woollen-looms and these also are readily sold in the several weekly markets held in the Taluka. There were 30 Cotton Gins worked by hand in the Taluka at the commencement of the current settlement but all of them have gradually disappeared owing to the advent of Gins worked by mechanical power at Nandurbar, Dondaicha, Ner and Dhulia.

## Cost of cultivation and Yield per acre.

58. It will be seen from Form A-3 that Bajri is the only crop which covers more than 20 per cent. of the total cropped area in the Taluka. Enquiries were made in the villages visited to find out the cost of cultivation and the yield per acre but no statistics could be collected as no body has .kept accounts giving the requisite details. The Rural Development Inspector, Dhulia, was, therefore, consulted and the statistics supplied by him are embodied in Appendix 3. According to this appendix the eost of cultivating the crops of Bajri, Cotton and Nagli should be Rs. 14, Rs. 27 and Rs. 19 while the produce should be worth Rs. 18, Rs. 34 and Rs. 24 respectively. This leaves a net profit per acre of Rs. 4 , Rs. 7 and Rs. 5 respectively. These figures are obviously wrong and no reliance can be placed on them.
59. Crop experiments were made by the Mamlatdar or the Prant Offices in the villages mentioned in Appendix 4 in the year 1936-37 and 1939-40. During the intervening period of two years no experiments were made by an Officer superior to a Circle Inspector. I could not make any erop experiments as the crops were removed before the settlement enquiry commenced in the Taluka.

## Revenue History.

58. Appendix 5 shows the figures of demand, suspensions, remissions and collections of Land Revenue for the last 30 years. It wil be seen that there have been no unauthorized arrears except the small amounts outstanding at the end of 1910-11, 1911-12 and 1919-20. The authorized arrears of 1911-12, 1918-19, 1921-22 and 1936-37 were due to bad seasons and these arrears too had to be resuspended in the year following as that year's crops permitted collection of the current year's dues only. The amounts of such arrears in the remaining years were insignificant as compared with the total annual demand and, therefore, call for no remarks. Large remissions of the water share of the assessment had to be given up to the year 1914-15 as some of the pats had ceased to flow and it was in 1914 that the water share of the assessment was abolished in some cases and
reduced by nearly 50 per cent. in others. The remissions given in 1018-19, 1921-22, 1926-27, 1928-29 and 1929-30 were due to scarcity of water and failure of the pats in those years.

## Coercive measures.

59. The following figures give an idea of the extent to which coercive measures had to be resorted to for the collection of land revenue during the last five years :-


Assistanće Suits.
60. The number of Assistance Suits received during the last five years was as under:-

| Year. | Namber of Assistance Suits. | Amount for which Assistance was |  | Amount reoovered. | Amount written off. | Amount outstanding. | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | asked for | granted |  |  |  |  |
| - |  | Rs. | Re. | Rs. | Rs. | Rs. |  |
| 1935-38 | 102 | $3,267 \quad 2 \quad 5$ | $2,400 \quad 46$ | 1,704 63 | 785143 |  |  |
| 1936-37 | 02 | 3,077 5 | 1,890 110 | 1,647 3 6 | 24376 | - |  |
| 1937-38 | 212 | 7,698 1310 | 7,415 910 | 6,430 10 | 976810 |  |  |
| 1938-39 | 157 | 4,384 10 | 4,34800 | 3,023 06 | 1,102 $13 \quad 0$ | 222100 |  |
| 1939-40 | 142 | 3,912 29 | 3,672 60 | 1,017 29. |  | 2,055 3 |  |

It 'will be seen that the number of suits has increased since 1037-38 and the reason for this appears to be the hopes contertained by the public that some relief will be given by the agrarian legislation which Governmient then had in view. However, when the amount of rent was once decreed, there was no difficulty in recovering it.

## Sales and Leases.

61. Dry Crop (i.e., Jirayat)Lands.-Sale statistics collected in respect of these lands have been tabulated in Form A-8. They relate to 619 sales covering an area of 6,209 acres during the period 1935-1040. 699 sales covering an area of 7,135 acres were rejected being found to be not genuine in accordance with Land Reverue Rule 19A-2 (XIV). An analysis of these statistics gives the following results-
(a) Group 1.-This consists of villages within a distance of 3 miles on either side of the Pimpalner-Sakri and Sakri-Chinchpada roads and also includes villages within a distance of 3 miles to the south of the SakriDhulia road and the village of Mhasdi on the south-eastern border of the Taluka. All the villages in this group possess excellent facilities for reaching the markêts of Dhulia, Nandurbar, etc., and also Dhulia, Chinchpada, Nandurbar and other Railway stations. Some of them also have an excellent supply of water for patasthal cultivation and in fact being
the best villages in the Taluka they were rightly put in group I. The average value of land prevailing in the villages visited is 87.22 times the assessment and this is 4 times more than what prevailed during the five years preceding the year of the current settlement. The following villages deserve special mention; the price of land being, shown in multiples of assessment against each:-

| Akalpada | $\ldots$ | $(100 \cdot 00)$. | Mhasdi | $\ldots$ | $(366 \cdot 45)$. |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Bodhri | $\ldots$ | $(172 \cdot 01)$. | Shevali | $\ldots$ | $(118 \cdot 01)$. |
| Datarti | $\ldots$ | $(108 \cdot 48)$. | Sakri | $\ldots$ | $(112 \cdot 71)$. |
| Gondas | $\ldots$ | $(102 \cdot 85)$. | Sayane | $\ldots$ | $(103 \cdot 52)$. |
| Kasara | $\ldots$ | $(109 \cdot 52)$. | Vasmar | $\ldots$ | $(133 \cdot 43)$. |
| Malanjan | $\ldots$ | $(10432)$. |  |  |  |

The value of land at Mhasdi is the highest in the group and this is due mainly to the competition between local traders who offer fabulously high prices whenever any land is offered for sale in the village.
(b) Group 11.-This comprises of 11 villages lying between the northern boundary of Baglan Taluka and the belt of patasthal villages of the first group situated on the southern bank of the Panzra. The value of land inthis group comes to 80.57 times the assessment and as in the first group it is nearly 4 times the average value prevailing in the five years preceding the. current settlement.
(c) Group III.-This contains all villages situated to the north of Group I and some villages to the west of Group I and Group II. The total number of villages in this group is 85 and those visited have been divided in Form A-8 into three sections :-

| Section (i) | ... Comprising the villages of Degaon and Umbarti lying on the western boundary of Group II; |
| :---: | :---: |
| Section (ii) | ... Containing the villages to the east of the Sakri-Nandurbar road and <br> - villages within a distance of about 5 miles to the west of that road (including section (I) of the village of Bramhanwel; and |
| Section (iii) | .. The remaining villages of the group and section (II) of the village of Bramhanwel |

From the figures of sale value shown in Form A-8 it will be seen that the value of land in the three sections differs greatly being 73.31 times the assessment in section (i), 83.71 times the assessment in section (ii), and $30^{\circ} 39$ times the assessment in section (iii). It is clear that the villages in .the three sections are not now on the same footing and must, therefore, be dealt with separately. The average sale roultiple of land of the two villages in section (i) is in excess of 73 while the average of section (ii) is $83 \% 1$. The villages requiring special mention in section (ii) are:-

| Salo multiple.' |  | Sale maltiple |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Bhamer | (134.27) | Malkheda |  | (233.33) |
| Hatti Khurd | (193.33) | Perajpur |  | (151.21) |
| Jaitana | (119•19) | Rojgaon |  | (104.98) |
| Kadhre | (105.67) | UbFand |  | (147.05) |
| Kalambhir | (245-45) | Vadel |  | (111.41) |

Of these villages, Bhamer, Jaitana and Kalambhir are near the SakriNandurbar road and it is natural that the value of land prevailing in them should be better than in the villages in the interior but there are villages in the interior like Malkheda, Kadhre, Hatti Khurd and Ubhaṇd which also
show similar multiples of sale value. This indicates that the value of land has risen generally in all villages in this section of the group. The figures of other villages in section (ii) elso confirm this view.

It will be seen that the village of Bramhanwel has been split up into two sections :-

Section (i) . ... Comprising the five padas* and the gavthan which are situated in the eastern part of the village; and

## Section (ii)

... The remaining three padast of the village lying to the west.

(1) Devjepad ( .

The economic conditions of the two sections are not alike the average sale value of lands in section (i) being 70.98 times the assessment as against 38.92 prevailing in section (ii). The western section (ii) is hilly and is far away from the Sakri-Nandurbar road. The eastern section (i) on the other hand is in the plains and is within five miles of the road and its facilities of communication are decidedly better than those in the western part.

Of the villages in section (iii) there are two which have a sale multiple in excess of 50 , and they are :-
(1) Balhana (69.69); (2) Deshshirwada (10270).
(d) Group IV.-Of the 16 villages visited in this group genuine sale statistics were available in 4 villages only and these give an average sale multiple of 39.35 for this group. There are in all 20 villages in this group and section 73-A, Land Revenue Code, has been applied to the majority of these villages and it is natural that there should be very few sale statistics. The sales noticed pertain to the few lands which are not covered by that section.
(e) Group $V$.-There is only one village Umbharpata in this group and as section 73-A has been applied to it at the time the Survey Settlement was introduced no sale statistics are available. The value of land in this village can, however, be taken to be similar to that prevailing in Group IV.

## LEASES.

## Dry Crop.

62. The lease statistics collected in respect of these lands have been tabulated in Form A-7. In all 6,233 leases were enquired into and those found to be not genuine were excluded for the reasons given in Land Revenue Rule 19-A-2 (xiv). The number of cash rents or rents in terms of fixed quantity of produce were fairly numerous and, therefore, those for a fixed share of produce were not inquired into. The following table shows the number of leases admitted and rejected :-


The following is an abstract of the lease statistics collected and included in Form A-7:-


Index.
63. The figures under this head in the statement included in the above paragraph have been arrived at by the multiplication of the multiple of assessment (column 5) and the maximum rate for the group concerned and dividing the result by $100 / 35$. The maximum rate is the rate for land of 16 annas classification value. When multiplied by the rent multiple it gives the average rate of rent for land of 16 annas classification for the group. In this it is assumed that the rent of inferior land bears the same. proportion to the assessment of that land as the rent of 16 annas classification land bears to the maximum rate. In the past settlements the maximum rate used to be limited to half the profits of the land in accordance with the executive orders of Government but now under section 117-G (1) the standard rate to be fixed has to be such that the aggregate assessment on the occupied lands in any group does not exceed 35 per cent. of the average of the rental value of such lands during the period of five years immediately preceding the year in which the settlement is directed. In view of this provision, that index figure arrived at by the method given above gives the figure up to which the standard rate could be raised in the group concerned provided the other circumstances of the Taluka justify it.
64. An examination of the rents prevailing in the villages in each group gives the following results.
(a) Group I.-The average lease multiple of the villages visited in this group is 3.55 times the assessment. Most of the road side villages excepting perhaps Kirwada, Dahivel, Bhondgaon, Bodhgaon and Pimpalner have rental values in excess of this average the most significant villages being :-

| Astana | $\ldots$ | $(4 \cdot 71)$ | Kavtha | $\ldots$ | $(4: 83)$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Akalpada | $\ldots$ | $(6.67)$ | Malpur | $\ldots$ | $(3.67)$ |
| Bhadna | $\ldots$ | $(4.54)$. | Mhasdi | $\ldots$ | $(6 \cdot 82)$ |
| Bodhri | $\ldots$ | $(4.36)$ | Sakri | $\ldots$ | $(4 \cdot 18)$ |
| Chadvel | $\ldots$ | $(4.32)$ | Shevali | $\ldots$ | $(6.97)$ |
| Datarti | $\ldots$ | $(5 \cdot 32)$ | Tamaswadi | $\ldots$ | $(4 \cdot 9)$ |
| Dhadna | $\ldots$ | $(4.20)$ | Vasmar | $\ldots$ | $(7 \cdot 12)$ |
| Ghodada | $\ldots$ | $(3772)$ |  |  |  |

These high rentals are due mostly to the suitability of the climate and soil in this group for the cultivation of cotton which is grown generally in every alternate year. The low multiples of villages like Kirwada (2:42), DahiveI (2-49), Bhondgaon (2:35), Bodhgaon (247) and Pimpalner (2:64) are due to
the climatic conditions and rainfall in these villages being unsuitable for the cultivation of cotton. The multiples of other villages in the group call for no remarks.
(b) Group II.-The average rental value of lands in this group comes to 3.98 times the assessment. Pratappur and Ganeshpur with a lease multiple of 2.96 and 3.01 respectively are the only two villages with a comparatively low rental, though even in these villages the assessment is within 35 per cent. of these rents. Cotton is also extensively grown in this group and that is the principal reason for the high rentals.
(c) Group III.-The villages in this group have been divided into three sections for the reasons given in paragraph 61 regarding sale value, the average rental value of lands in the three sections being:--

| Sect |  |  |  | ple of merc |
| :---: | :---: | :---: | :---: | :---: |
| Section (ii) | $\cdots$ | ... |  |  |
| Section (iii) |  |  |  | 263 |

As pointed out in paragraph 61 the villages in section (i) are situated on the western border of Group II and have extensive areas under cotton. Similarly, communications have improved and the cultivation of cotton has increased in the villages in section (ii). The rental value of lands prevailing in these two sections is, therefore, better than that prevailing in the villages included in section (iii) which hardly grow any cotton-the percentage of cotton to the total cultivated area in each section in 1939-40 being as under :-
$\begin{array}{lllll}\text { Section (i) } & \ldots & \ldots & \ldots & 28 \text { per cent. } \\ \text { Section (ii) } & \ldots & \ldots & \ldots & 27 \\ & \text { per cent. }\end{array}$

| Section (ii) | ... ... | 27 | per cent. |
| :--- | :--- | :--- | :--- | ---: |
| Section (iii) | ... | 1 ... | 1 |

The climatic conditions and excessive rainfall in the west do not permit , successful cultivation of cotton and this factor must be reflected in the grouping.

As in the case of sales the village of Bramhanwel has been split up into $t$ wo sections the lease multiple for each section being as under :-

| Section (I) | $\ldots$ | $\ldots$ | $\ldots$ | $4 \cdot 26$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Section (II) | $\ldots$ | $\ldots$ | $\ldots$ | 290 |

These figures indicate that the economic conditions of the two sections are not alike and the splitting up of the village in two sections is, therefore, justified. Section (I) geographically goes in section (ii) and Section (II) in section (iii) of the group.
(d) Group IV.-The villages in this group lie in the western hilly section of the Taluka and the average rental value of lands prevailing in them is 3.10 times the assessment. Section 73-A of the Land Revenue Code has been made applicable to the majority of the villages in this group and a large proportion of land is, therefore, held on restricted tenure. The average rental value of land shows that the tract has not developed since the introduction of the current settlement.
(e) Group V.-This contains only the village of Umbharpata and as section 73-A of the Land Revenue Code was made applicable to it when the original settlement was introduced in it in 1905 the lands do not change hands nor are they ever leased. There were, therefore, no sale or lease statistics available for this village. There is, however, no doubt that this village has benefitted by the construction of the Warsa-Umbharpata road and it is in all respects as good, if not better than the villages in Group IV.

## Garden Lands.

65. There are two kinds of garden land in the taluka viz.-
(a) irrigated by water lifted mots from wells; and
(b) irrigated by water from Pacca bandharas constructed in the past or Kacha bandharas that are annually constructed in the beds of rivers or nallas by the bagaitdars concerned at their cost.
66. Lands watered by well water are assessed in revenue settlements at the dry crop rate of the group in which they stand. In Khandesh and Satara, the advantage of sub-soil water has been assessed by the raising of the soil classification in accordance with the general position class scale to allow for this advantage and no additional assessment can, therefore, be levied for tapping an advantage which is already assessed. The statistics of sales and leases in respect of these lands are, however, separately given in Forms A-8 (i) and A-7. (i) respectively and they show that the average ralue of Motasthal lands is far higher than that of dry crop lands being 268.49 times the assessment. The figures of rental value also show that even after paying the higher assessment a large margin of profit is left to the cultivator, the rental being $14: 54$ times the assessment as against nearly 3.58 times the assessment realized in respect of dry crop lands.
67. As regards (b) viz., lands watered by bandharas the water advantages are taxed by classification of pats into several orders, and fixing a standard rate for the best class of pat coupled with the best class of soil. The standard rate for patasthal land, therefore, taxes both the water and soil advantages and hence the statistics of sales and leases of this class of land are separately given in Forms A-8 (ii) and A-7 (ii) for independent consideration.
68. In the old settlements the assessment on patasthal lands was fixed by the Settlement Officer, individually, for lands under each pat and had no relation to the dry crop group in which the village in question was included. This was done under section 101 of the Land Revenle Code which allowed any manner of assessment of the means of irrigation provided it was approved by Government. Section 101, has, however, been repealed by the recent amendment of the Land Revenue Code and as Patasthal land is garden land as defined in section 117-C (6) the standard rate for this class of land has to be fixed with reference to its classification value for each group :-

At present the patasthal rates vary from :-


This method of individual assessment of each pat is not permissible under the amended law and hence the water advantages enjoyed by these lands are assessed by classification of pats into several orders and by proposing a standard rate for the best class of pat coupled with the best class of soil in each group under Land Revenue Rule, 19GG and the rate applicable to an individual pat and the assessment of lands watered by it are worked out according to the table of calculations prepared by the Settlement Commissioner under Land Revenue Rule 19-H(i).
69. Patasthal irrigation is carried out by means of the water provided mostly by pacca bandharas which have been constructed in the past in the beds of the rivers described in paragraphs 11 to 15 . These bandharas have been constructed in such a way that the greatest use is made of the available water supply and generally no water is allowed to be wasted. The Thals, i.e., lands watered by bandharas are generally situated on the banks of the rivers and, therrefore, whenever there is any surplus water available, either in the Thals or in the pats, it generally flows back or drains into the river and thus strengthens the supply of the pat lower down the stream.
70. Of the rivers described in paragraphs 11 to 15 three are very important. They are the Panzra, Kan which is a tributary of the Panzra and the Burai.
(1) The Panzra.-The biggest of the three has 2 kacha bandharns annually built in its narrow bed within a few miles from its source. They are at Warse and Kaksad villages. It has then two pacca bandharas lower down the stream which supply water for irrigating the lands of Pankheda village and 3 more further down which irrigate the lands of Pimpalner and Jirapur villages. Thereafter, it has 7 similar pacca bandharas at a distance of 2 to 4 miles from one another which serve the lands of the villages mentioned below :-

| Sarial No. | , Bandhara of the village of |  |  |  |  | Watera lands from the village of |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Samoda. | - | - | - |  | Samoda. |  |  |
| 2 | Samoda | $\cdots$ | - | - | - | Shenpur. |  |  |
| 3 | Dhadne | - | -• | - | - | Dhadno. |  |  |
| 4 | Kasara | . | -• | - | $\cdots$ | Sayana a | and Kasare. |  |
| Б | Malpur | . | - | - | . | Malpur. |  |  |
| 6 | Kokla | $\cdots$ | -• | : | . | Nagpur, | Nayzari, Gond |  |
| 7 | Nandvan | - | - | -• | . | Nandvan | $n$ and Datarti. |  |
| 8 | Datarti |  | . | . | .. | Datartia | and Shevali. |  |

Of these, the Kokala bandhara is a double bandhara and serves the lands of the village bearing its name situated on one bank of the river; it also irrigates the lands of the villages of Nagpur, Nagzari and Gondas situated on the other bank. The remaining six are single bandharas.

All these pacca bandharas flow throughout the year.
(2) The Kan has 7 kacha bandharas within a few miles of its source at Chopala village. These flow till November or December end. Further down there are 15 pacca bandharas built at a distance of 1 or 2 miles from each other till it joins the Panzra near the village of Datarti. These are : 一


The bandharas at Serial Nos. 1, 2, 3, 5, 6 and 8 flow for eight months in the year.while the rest flow throughout the year.
(3) The Burai has one kacha and one pacca bandhara within the limits of the village of Burudkha village. Thereafter, it has 8 pacca bandharas built across its bed and situated at a distance of 2 or 3 miles from each other till it enters the adjoining Sindkheda Taluka near Balsana village. The bandharas irrigate the lands of the villages noted below :-


All these bandharas except those at Runmali and Varsus flow till the end of the cold weather. The bandharas of Runmali and Varsus flow throughout the year.
(4) In addition to the bandharas mentioned above there are 10 similar pacca bandharas built in the past in the beds of several nallas. These are as noted below:-


All these bandharas flow till the end of the cold weather.
(5) In addition to the above there are 83 kacha bandharas which are annually constructed in 30 villages in the Taluka. These flow till November or December end.
71. The kacha and pacca bandharas mentioned in the above paragraph have been assessed to patasthal but apart from these there are some kacha bandharas which are annually constructed by the bagaitdars concerned but which have not been assessed in the past as they were not then in existence. Most of them flow till the end of the cold weather and supply water for crops such as wheat, gram, methi, carrots, etc. Some of these bandharas did not flow for any length of time continuously when the
'current settlement was introduced and they were, therefore, not assessed. Later on, when they were found flowing, occasional water assessment under section 55, Land Revenue Code, used to be' recovered. This levy was, however, discontinued from the year 1938-39 in accordance with the orders in Government Resolution, Revenue Department, No. $7241 / 33$, dated 8th December 1938. All these bandharas as well as those mentioned in the above paragraph have been inspected by me. Kacha bandharas which are not assessed but which are found to flow continuously for over 5 years have been classified and assessed at this settlement as it is noticed that the supply is fairly certain, plentiful and obtained by the cultivators at small cost. Those Kacha bandharas which were found to flow for less than 5 years have been left out of consideration as it is too early as yet to say whether they will be constructed every year hereafter to justify their being assessed. A list of such bandharas is given in Appendix 6 in order that they may be examined at the time of the next revision.
72. The following figures show the number of bandharas assessed under the current settlement, the number already struck off and the number which it is proposed to assess now :-


Thus out of 236 bandharas which are known to have existed in the Taluka, 151 have been found to be efficient. Of the 179 assessed at the beginning of the current settlement, 110 were struck off during the period of the settlement, most of them in 1912 by Government Resolution No. 1249, dated 5th February 1912. Of these 110, 55 have revived and have been found to be flowing continuously for over the last five years and are, therefore, proposed for assessment. The net result is that there were 115 $(102+13)$ bandharas assessed under the original settlement, 179 under the First Revision Settlement and 151 are now proposed for assessment and of these 29 were not assessed under the original or First Revision Settlement.
73. To prevent mistakes the following lists are given :-
(1) List of bandharas which were assessed in the Original Settlemet but which were struck off in the First Revision Settlement;
(2) List of bandharas assessed at the Revision Settlement in 1905 but the assessment on which was abolished by the orders in Government Resolutions given below and which are not proposed to be assessed at this settlement also:-
(1) Government Resolution, Revenue Department, No. 1249, ${ }^{\circ}$ dated 5th-February 1912.
(2) Government Resolution, Revenue Department, NQ̧. 10381, dated 5th November 1913.
(3) List of bandharas which were asessed at the Revision Settlement in 1905, but the assessment on which was abolished by the orders in Government Resolutions mentioned above and which are now proposed for assessment.
(4) List of bandharas which were not in existence in 1905, or before but which were found flowing for over five years before 1941, and which it is proposed to assess now.
(5) List showing the survey numbers which are to be either dropped because though assessed to Patasthal assessment they do not get water supply or which are to be newly assessed to Patasthal on the ground of their getting regular water supply for more than the last 5 years.
(6) List of bandharas which are at present assessed but which had no water supply for more than the last five years and the assessment in respect of which is proposed to be abolished.
74. List Nò. 1.-List of bandharas which were assessed in the Original Settlement but which were struck off in the First Revision Settlement, and which have not revived till now.

75. List No. 2.-List of bandharas assessed at the Rovision Sottloment in 1905 but the assessment on which was abolished by the Govarnment Resolutions given below and which are not proposed to be assessed at this settlement also :-



76. List No. 3.-List of bandharas which were assed at the Revision Settlement in 1905 but the assessment on which was abolished by the Government Resolutions mentioned below and which are now proposed for assessment.




Note.-The area whtored now anoto be asseased out of eaph Survoy No. given above is nearly the same as was asessed in 1905.
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77. List No. 4.-List of bandharas which were not in existence in 1905 or before but which are found flowing for over five years before 1941 and which it. is proposed to assess now :-

|  | Name of villago. | Bandhara. |  | Location of Bandhara. | Survey Nos. to be assessed. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No. |  | No: | Kacha or Pacaa. |  |  |
|  | Group III. |  |  |  |  |
| 1 | Lsardo | 1 | Kacha | To the weat of Survey No. 1. | Parts of 2, 3/1 and 4. |
| 2 | Khandbere | 8 | Do. | To the north-west of Survey No. 123 of Sirsole. | Part of 161. |
| 8 | Do. .. | 4 | Do. | To the west of Survey No. 99. | Part of 99. |
| 4 | Sirsole .. | 2 | Do. | In Survey No. 132 .. | Parts of 122, 123, 124/1, 2, 125/1, 2. |
|  | Group ID. |  |  |  |  |
| 1 | Chopals .. | 3(b) | Kacha | In Survey No. 478 .. | Parts of 474, 475/1. |
| 2 | Do. .. | 6(b) | Do. | Do. | 457/1, 2; 475/2 and Part of 477. |
| 8 | Do. .. | 8(b) | Do. . $\quad$ d | In Survey No. 621 .. | Parts of 514, 515. |
| 4 | Do. .. | 16(b) | Do. | To the north of Survey No. 685. | Part of 674. |
| $\delta$ | Do. .. | 10(c) | Do. | Do. | Part of 685. |
| 0 | Do. .. | 24 | Do. | To the south of Survey No. 797. | Part of 797. |
| 7 | Do. .. | 25 | Do. | In Survey No. 787 .. | Part of 789. |
| 8 | Do. .. | 26 | Do. | In Survey No. 656 .. | Part of 656. |
| 9 | Do. .. | 27 | Do. .. | In Sarvey No. 613 .. | Part of 812. |
| 10 | Do. .. | 28 | Paoas | To the west of Survey No. 6507. | Part of 644. |
| 11 | Do. .. | 29 | Kacha | In Survey No. 620 .. | Part of 613. |
| 12 | Do. .. | 30 | Do. | Adioining the Sarvey | Part of 658. |
| 13 | Do. .. ' | 31 | Do. | To the east of Survey No. 660. | Part of 659. |
| 14 | Do. .. | 32 | Do. | In Survey No. 661 .. | Parts of 660 and 661: |
| 15 | Do. .. | 33 | Do. | To the south of Sarvey No. 2. | Parts of 4/1, 4/2. |
| 10 | Do. .. | 34 | Do. | Adjoining the Survey No. 801. | Part of 801. |
| 17 | Do. .. | 35 | Do. | In Survey No. 804 .. | Part of 804. |
| 18 | Do. .. | 36 | Do. | In Survey No. 651 - . | Part of 64\%. |
| 19 | Rahod .. |  | Do. | To the north of Survey No. 30. | Part of 23 and Part of 31. |
| 20 | DQ: .. | 8. | Do. .. | In Survey No. 30 .. | Part of 30. |
| 21 | Pimpalgion | 6 | Do. .. | Iǹ Survey No. 50 | Part of 51. |
| 22 | Do. | $\theta$ | Do. .. | In Survey No. 251 | Part of 252. |
| 23 | Tembhe (Warse) |  | Do. .. | To the south of Survey No. 206. | Part of 229. |
| 24 | Do. .. |  | Do. .. | In Survey No. 3 .. | Part of 3. |
| 25 | Malgaon (Warse) |  | Do. | To the south of Survey No. 475 of Kudasi. | Part of 58. |

78. List No. 5.-List showing the Survey Numbers which are to be either dropped because though assessed to Patasthal assessment they do not got water supply or which are to be newly assessed to Patasthal on the ground of thoir getting regular water supply for more than the last five years:-

79. List No. 6.-List of bandharas which are at present assessed but whioh had no water supply for more than the last five years and the assessment in respect of which is proposed to be abolished.

| Serial No. 1 | Name of village. <br> 2 | Bandhara No. $3$ | Pacca or Kaoha. <br> 4 | Survey No. $6$ | Reasons. <br> 6 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Dahiwel .. $\quad$. | 5 | Kagha | 704 | Bandhara not built for more than the lant 6 years ut there was no water in the Nalla. |
| 2 | Do. .. .. | 13 | Do. .. | 51ill to 18 | Do. |

80. Pacca bandharas in Vadakhel Nalla supplying water to :-
(1) Deshshirwade village.-This is a good pacca bandhara with a perennial supply but the aqueduct constructed in the past for taking the water over a deep nalla situated at a distance of about one furlong from the bandhara is slightly in disorder. The bagaitdars, therefore, repair the breach at a small cost of Rs. 25 or so and take water for crops like sugarcane, etc. This bandhara was assessed at the original and revision survey settlements but as the nalla became dry and did not
flow for a number of years the patasthal assessment was abolished by G. R., R. D., No. 7270, dated 30th July 1906. My enquiries show that this nalla has revived more than 8 years ago and had adequate supply of water every year since then. I am, therefore, proposing it for being assessed. Immediate steps to put the aqueduct and other masonty works in order will have to be taken by Government if this proposal is approved. Meanwhile steps to assess the pat water under section 55 of the Land Revenue Code may be taken.
(2) Chiksa village.-This is an equally good bandhara but the masonry work is slightly out of order. As in the case of Deshshirwade village this bandhara too was assessed in the Original and Revision Settlement but the patasthal assessment was abolished by the same Government Resolution referred to above and for the same reasons as are given against the above mentioned village. As this bandhara is also found flowing continuously for more than the last 8 years I propose to assess it but immediate steps must be taken by Government to carry out requisite repairs to all masonry works connected with it before the assessment is levied. Till then, occasional water assessment under section 55, Land Revenue Code, may be levied.
81. The following is an abstract of Form A.-8 (ii) :-


The villages in Group I have been divided into 4 sections as the conditions regarding water supply, etc., in all sections are not alike. Section (a) contains villages with excellent perennial water supply while sections (b) and (c) contain villages in which the water supply is inferior, i.e., deficient in the hot weather or where the irrigated lands are at a great distance from the source of water supply or the pats do not flow throughout the year. This difference in the conditions of water supply is reflected in the sale multiples and sale values which are as under :-

|  | Seotion. ${ }^{\text {- }}$ |  |  |  |  |  | Sale Multiple. |  | lue per acre. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (a) | - | -• | - | ı. | - | -• | 35-25 |  | Rs. 453.09 |
| (b) | - | -• | - | - | -• | $\cdots$ | 36.19 |  | 368•71 |
| (0) | - | -• | . | - | - | . . | 20.03, |  | 248.70 |
| (d) | -• | -• | - | - | -• | $\cdots$ | 231-68 |  | $249 \cdot 88$ |

The group average is 36.52 . The high multiple of section (d) is due to the fact that at present there is no patasthal assessment levied in the village of Chiksa to which it relates and the multiple is, therefore, the multiple of dry crop assessment which clearly indicates that the value of land watered by the pat is high. It is now proposed to assess the water supply of the pat in this village. As in the case of sales of dry crop land (vide paragraph 61) the villages in Group III have been divided into three sections and each section has been further sub-divided into 3 sub-sections for the same reasons as are given above for dividing the villages in Group I. There is no patasthal in the villages in section (i). The value of land in section (ii) is Rs. $365 \cdot 17$ per acre while that in section (iii) is distinctly less being only Rs. $125 \cdot 26$ per acre. These are evidently good values.

In Group IV the value of patasthal land is 51.04 times the assessment or Rs. $89 \cdot 78$ per acre on an average.
. Leases. -
82. The following is an abstract of Form A.-7 (ii) :-


It will appear from these figures that the profits of cultivation in Groups III and IV are higher than those in Group I.- The supply of water' in Groups III and IV is not as assured and lasting as in the case of pats situated in Group I which contains almost all the best pats in the Taluka and in view of this the figures call for an explanation. The low rentals -are due to the low price of gul manufactured from Sugarcane which is mostly grown in the patasthal villages of Group I. The area under cane has been reduced by nearly 49 per cent. during the period since the last revision and it is clear that perennial irrigation is overassessed in view of the low price of Gul. Besides, it is to be borne in mind that as pointell out in paragraph 68 the patasthal rate in each village with similar water supply is not the same and consequently the average rental value of patasthal lands in the group is not a safe guide for ascertaining the economic condition of patasthal lands in each village included in it. This is amply borne out by the differences in the average value of patasthal lands in different sections of a group as shown in paragraph 81.' This state of things is also reflected in the rental statistics of each section of Group I which are as under :-


As pointed out in paragraph 81 section (a) contains villages with the best water supply for which the maximum rates of Rs. 14, Rs. 15 or Rs. 15-8-0 have been fixed. Sugarcane is the principal money crop grown once in three or four years in patasthal lands but, as stated above its cultivation has become unprofitable and this has naturally told on the rental value which is $2 \cdot 41$ times the assessment in this section. The villages requiring special mention for this reason are :-

| Lease multiple. |  |  |  |  | Lease multil le. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kokia | . | . | . | ..$(2 \cdot 01)$ | Nagrur | - | - | -• | .. (1-91) |
| Nandvan | - | .. |  | ..(2-23) | Pimlalner |  | - | . | ..(1-98) |
| Malpur | -• | . | $\cdots$ | . . (1-94) |  |  |  |  | - |

while the sectional average is $2 \cdot 41$. All the villages included in this section have equally good supply of water and yet the rental is low. This indicates that the present rates of patasthal assessment are pressing unduly

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on the profits of cultivation and need to be lowered. The multiple for section (b) of Group I is lower than that of section (a) and the villages requiring special mention are :-


The villages in this section also have a perennial water supply except in the case of Jirapur and Bodgaon where the supply lasts only for 8 menths of the year, i.e., till the middle of March. 'the water assessment. has, however, been fixed at different rates for them and this seems to be due to the difference in the quantity of water supply. In some of these villages and particularly those on the Kan river, the supply of water becomes inadequate in the hot weather and, therefore, the sugarcane crop does not yield an adequate return. In other cases, the source of supply is situated at a distance of more than 2 or 3 miles from the pat lands and the supply. is naturally inferior. Senpur for instance has at present Rs. 15 as the maximum rate fixed for it but the pat lands are more than 3 miles away from the source and the cost of keeping the water channel in order which is borne by the bagaitdars is higher than in the case of villages situated near the source. The rate of Rs. 15 is evidently high on this account and the above mentioned lease multiples also indicate that it is pressing heavily on the profits of patasthal cultivation. The sectional average also leads to the same oonclusion.

Section (c) contains only one village, e.g., Dahivel which has one prerennial and two other bandharas which flow till the end of February or iniddle of March and the rent multiple of the section is, therefore, made up of statistics collected for all the three in one statement. The bandharas are pacca and are assessed at different rates and in spite of this the rent multiple is very low. Dahivel was once a very prosperous village and the water supply was also very good. Now the water supply becomes inferior. in the hot weather and the village has also deteriorated and it, therefore, appears that as in the case of the first two sections of the group the present. rates of patasthal assessment are pressing heavily on the profits of irrigated lands.

The fourth and the last section contains only one village where, as stated in paragraph 81, there is no patasthal assessment levied now. The bat at the village was assessed in the Original and Revision Settlement but is the Vadakhel Nalla which is its source had run dry the water assessment was abolished in 1906 as pointed out in paragraph 80. The rental statistics of patasthal land justify the reimposition of water assessment aid as the pat is flowing for over the last eight years it is proposed to reassess it now.

## Group II.

There are no pats in this group.

## Group $1 I I$.

As in the case of dry crop leases and sales, the villages in this group have also been divided into two sections and each section has been further sud.-divided into three sub-sections for reasons similar to those given for
dividing Group I dividing Group I into sections. Section (i) is blank as there are no pats in the villages of Degaon and Umbharti. The villages in section (ii) (a) are situated on the banks of the Burai river and have pacca bandharas built across its bed a mile or two above the stream while those in section (ii) (b) and (c) have some of their lands watered by Kacha bandharas built
annually across the Rodi river. It will be seen that the average rental value or lands in section (ii) is very high, being $7 \cdot 12$ times the assessment. and this is due to the fact that the section contains two villages which have rio patasthal assessment fixed for them. These are Akhada and Jaitani iucluded in sub-sections (b) and (c). The rental value of lands in subsection (a) is 6.66 times the assessment and this is high because the patasthal rates fixed at the time of the current settlement were reduced by 50 per cent. in 1912. The rental statistics of almost every village indicate that the reduction has gone too far and the rates must now oe suitably fixed to secure for the State its proper share in the profits of patasthal cultivation in this area.

Section (iii) (a) contains the villages of Pankheda and Khandbara which have got excellent pacca bandharas with a perennial supply of water while section (b) includes villages where there are no perennial bandharas and where the supply of water is inferior. The average rental value of lands in the villages in section (a) is equal to twice the assessment while that of section (b) is slightly higher. The rental value of lands in the village of Pankheda-which is a fairly big patasthal village-is low because the lessees of the land come mostly from Balhana village which is situated at a distance of about 3 miles from the pat lands. On account of this distance supervision becomes slack and the cost of almost all agricultural $o_{i}$ erations becomes unduly heavy and the profits of cultivation naturally gu down. The rental vaiue of lands of this village cannot, therefore, be treated as a safe guide for determining the condition of pat lands in the grop. The other village included in the section is Khandbara and the Untal value of lands prevailing there is $3 \cdot 02$ times the assessment. This village can be said to be fairly representative of the conditions in this section. The next village calling for remarks is Machmal. The rental value of pat lands in this village is low because there is no competition bctween intending lessees. The bandhara of the place is good and flows fcr 8 out of 12 months of the year. There are 3 pacca bandharas at Bramhanwel and the rentals of lands covered by them call for no remarks.

Deshshirwada is the only village included in sub-section (c). The detailed information regarding the bandhara of this village is given in paragraph 80 and for the reasons given therein it is proposed to assess the pat now. The rental value of patasthal lands which is equal to 12.91 times the dry crop assessment clearly shows that the State ought to get its fair share of the profits of cultivation of patasthal lands in this village.

## Group IV.

The patasthal villages in this group have been divided into three sections, section (a) containing statistics regarding pacea bandharas, ( $b$ ) those pertaining to Kacha bandharas and (c) containing information about both kinds of bandharas', e.g., Kacha as well as Pacca.

The village of Dangshirwada which has two pacca bandharas is included in section (a). The lease multiple of this village is 2.96 which indicates that bagait cultivation of lands in this village is not unprofitable and that the present rate of Rs. 8 is not too high.

Bopkhel is the only village in section (b) and has a lease multiple of 6.31 which indicates that cultivation of bagait erops such as Wheat, Gram, etc., is profitable and that the present rate of Rs. 4 (lowered from Rs. 6 by G. R., R. D., No. 1249 dated 5th February 1912 fixed for this village is not heavy and is capable of being raised.

The village of Khudashi is included in section (c) and the lease multiple in respect of lands watered by the Kacha and Pacca bandharas is 3.27 which shows that the irrigated lands are properly assessed.

## Grouping.

83. The Taluka was divided into 7 groups in the original settlement. This grouping was consjderably modified and the number of groups was
reduced to 4 in the Revision Settlement. The distribution of villages on both the occasions was as shown in the comparative statement given below :-


The existing groups are homogeneous and have been formed after taking into consideration the facilities of communications and accessibility io the markets. Villages which were situated on either side of the DhuliaSurat and Sakri-Pimpalner Road were put in Group I and those farther away from them to the south and beyond the Panzra river were put in Group II. Group III was formed by putting villages further in the interior, which formed one homogeneous tract, into this group, and Grcup IV was similarly composed of the worst and most distant villages. Group V contains only one village, the most distant village of Umbharpata. This grouping is reasonable and except for some changes in the villages in liroup III and the amalgamation of Umbharpata in the neighbouring group I propose to leave the other groups undisturbed.

From Appendix 7 it will be seen that the cultivation of cotton, the money crop of the Taluka, is very extensive in the villages in sections (i) and (ii) of Group III while the area under cotton in the villages in section (iii) is negligible. This is mainly due to the fact that the climatic conditions and rainfall in the villages in section (iii) are not favourable to the cultivation of Cotton. Mainly because of this difference, the economic conditions of the three sections also differ widely and it is on this account that the villages in the group have been divided into three sections in Forms A.-7 and A.-8. The average sale value of land in section (i) is $73 \cdot 31$ times the assessment while that in section (ii) it is 83.71 times the assessment as against only 30.39 times the assessment in section (iii). Similarly, the average rental value of lands in the villages in section (i) is 3.96 times the assessment and that in section (ii) $4 \cdot 14$ times the assessment as against 2.63 times the assessment in section (iii).

The villages of Degaon, Umbre and Umbharti lie on the border of existing Group II. The cultivation of cotton has increased considerably in these villages and the rental values are also high. These villages are more like the villages in the adjoining Group II than the villages lying to their west which are now in Group III. These three villages, therefore, deserve to be included in proposed Group II.

The construction of the Sakri-Nandurbar road (about 24 miles in length within the Taluka limits) which passes through the villages in section (ii) las evidently brought these villages within easy reach of Nandurbar and Sakri markets and also the Nandurbar Railway Station. I, therefore, propose that the villages [including the eastern hafi (i.e. Section I) of the
village of Bramhanwel] lying to the west within five miles of the above mentioned road and all villages to the east of that road where cotton cultivation has made great progress, detailed below* should be formed into a separate Group III and the remaining $29 \frac{1}{2}$ villages [including the western half, i.e., Section (II) of the village of Bramhanwel] of the present Group III relegated to a lower Group IV, the existing Group IV being renumbered V .

The construction of the Pimpalner-Warsa road and its further extension up to Umbharpata has improved the facilities of communication of the villages in Group IV, and brought the Pimpalner market within easy reach of these villages but in spite of this improvement in communications, the villages in this area do not show any signs of marked improvement though it is nearly 10 years since these roads were constructed. Ragi, Niger-seed and other hill millets are the main crops grown in this tract. Niger-seed is the only crop sold; the others are produced mainly for domestic consumption. The roads appear to be really useful for the transport of the forest produce not'only from the villages in this group but also from the adjoining Baroda State territory from where large quantities of bamboos and teak wood are imported and taken for sale to the Kasara or Malegaon markets. Group IV does not, therefore, need any change except to the extent mentioned in the following sub-paragraph and will simply be renumbered as Group V to allow for the splitting up of existing Group III into Groups III and IV.

The construction of the Warsa-Umbharpata road, 10 years ago has undoubtedly improved the facilities of the village of Umbharpata for reaching the market of Pimpalner in the east and the Kacha forest road from Umbharpata to Borzar has connected the village to the nearest market town of Borzar in the west and the village is just like the villages in Group IV. In fact, it is decidedly better than Group IV (old) villages like Chopala and Tembha which are far in the interior and have no metalled road within a radius of 10 miles. The formation of Umbharpata in a distinct group was solely due to its being settled at a later date and not due to any geographical or economic differences and the object of settling the Mavchis on the land by offering lands at low assessment has now been achieved and the village should, therefore, take its proper place in the grouping.


I, therefore, propose that existing Group V should be abolished and Umbharpata village included in proposed Group V.

Inam rillages.
84. Dhongade lies geographically in proposed Group IV and should form part of that group. The village of Mapalgaon is surrounded on all sides by villages in Group $V$ and, therefore, should form part of that group. The Government land in the Inam village of Dhongade should be treated as forming part of Group IV.

Rates-Dry Crop.
85. The population of the Taluka which in 1901 was 52,990 increased to 89,094 in 1931, i.e., by about 68 per cent.; agricultural stock has also similarly increased and the cultivated area has increased by 37 per cent. over the 1894-99 figures. There has been considerable improvement in communications by the construction of the Sakri-Nandurbar road and the Pimpalner-Warshe and Warshe-Umbharpata roads and recently the partial construction of the Kalambhir-ghat-Dusana road has added to the facilities of communications in the tract which wanted them most. The last road is expected to be finished within a couple of years up to Dasana but its full advantage can be reaped by the Sakri people only when it is further extended to Dondaicha which is a big marketing contre within easy reach of this Taluka. The prices of the principal articles of agricultural produce of the Taluka excepting Gul (manufactured from Sugarcane) are above the level of 1888-98. The increase is not as large as in the period 1917-1930 but such as it is, it is advantageous to the cultivator who is pocketing the difference. The prices of cotton and Bajri the two main crops of the Taluka are respectively 32 per cent. and 20 per cent. higher than those prevailing during the period 1888-98. The prices of wheat and rice which are important money crops of the Taluka are also 8 per cent. and 21 per cent. higher. The price of land has more than doubled and the profits of cultivation have also risen in the first two groups and part of Group III as noticed in paragraph 64. In the other parts of Group III and in Group IV there has been practically no improvement and the land prices and rentals show that the conditions are more or less stationary. Umbharpata is the only village in Group V and it has to some extent benefitted by the present low rate of assessment and the Mavchis, whom it was intended to settle by keeping the assessment at a very low figure have certainly taken a liking to their lands.

The areas which show signs of economic prosperity lie in prorosed Groups I, II and III while those that are stagnant lie in proposed Groups IV and $V$.

According to the proviso to section 117-G of the Land Revenue Code the standard rate to be fixed has to be such that the assessment on the occupied lands in a group is not more than 35 per cent. of the average rental value of such lands, while the corresponding limit under the old settlements was 50 per cent. and even that could be exceeded at times as it was laid down by executive orders of Government and not prescribed by statute. There is no scope for any increase in the assessment of the proposed Group V while the economic conditions of proposed Group IV show that the existing rate of Rs. $1-8-0$ is high and requires to be lowered. As regards the remaining 3 groups, an increase beyond the limits laid down by law is possible so far as dry crop rates are concerned, but I am not satisfied that the main area in the east has so developed that a strong case can be made out to convince Government to take action under section 117-F (5). My proposals for the dry crop standard rates for each group are given in the following paragraphs.

## Proposed Group 1.

86. This includes 45 villages which are on or near the principal metalled roads in the Taluka and have Rs. 2-2-0 as the rate fixed for them in the current settlement. The villages in this group are the most prosperous in the Taluka as they possess the best facilities for reaching the Taluka and outside markets and besides they grow cotton to a large extent.

From the Index figure shown in column 10 of the statement embodied in paragraph 62 it will be seen that the rental value of lands in the group indicates that the present rate of Rs. 2-2-0 is capable of bring raised to Rs. 2-10-0. I am not, however, prepared to recommend the full permissible increase in this group as the tract is still economically backward and the main centres of cotton trade, Dhulia, Nandurbar and Dondaicha are outside the Taluka limits and the railways do not touch any part of the Talukn. Considering, however, the improvement since 1899, I think that the villages in the group can easily bear an increase of annas 6 per acre and I accordingly propose Rs., 2-8-0 as the standard rate for this group.

## Proposed Group 11 .

This consists of 11 villages of existing Group II under a maximum rate of Rs. $\mathrm{P}-12-0$ and three villages of the present Group III under a maximum rate of Rs. $1-8-0$. From Form A-7 it will be seen that the profts of cultivation in this group are fairly good being equal to 3.98 times the assessment. The index figure worked on the basis of this average rental value comes to 243 or Rs. 2 and 6 annas, but I am not prepared to propose this rate as the villages have not undergone such marked improvement as would justify such an increase. I, therefore, propose that the present rate should be raised by 5 annas only. The rate proposed for this group will then be Rs. 2-1-0.

## Proposed Group III.

This contains $52 \frac{1}{2}$ villages in the eastern part of the Taluka and the present rate fixed for them is Rs. 1-8-0. As pointed out in paragraph 83 the means of communication and accessibility to the Taluka and outside markets have improved in the tract covered by these villages and the rental and sale values are also higher than in the remaining $29 \frac{1}{2}$ villages of the present Group III. The index figure shown in column 10 of the statement contained in paragraph 62 against section (ii) of the present Group III indicates that the present rate of Rs. 1-8-0 can be raised up to Rs. 2-2-9 but legally this cannot be done as section 117-F of the Land Revenue Code limits the increase to 25 per cent. only of the existing assessment. The rate of Rs. 1-14-0 which is the maximum increase permissible will still leave a margin of about Re. 0-4-9 per acre and $\mathbf{b}$, thercfore, propose a rate of Rs. 1-14-0 as the standard rate for this group.

## Proposed Group IV.

The villages in this group from section (iii) of eristing Group III in Forms A-7 and A-8 and no improvement is noticeable in them. The rainfall is heavy and the climatic conditions are unhealthy. These villages cannot grow money crops like Cotton. The sale values are low and the rental value is such that the existing assessment practically takes more than the 35 per cent. of the average rental value prescribed by the proviso to section 117-G (i) of the Land Revenue Code. The index figure (pille column 10 of the statement included in paragraph 62) comes to 138 or Re. 1-6-1 which is less than the rate now in force. This is because the tract is unhealthy, has very few markets and the facilities of communication have not materially improved. In view of this I consider that the villages in this group need some relief and accordingly, I propose that the standard rate for this group should be Re. 1-4-0. In view of the rates proposed for the more prosperous eastern tract where less than 35 per cent. of the average rent is being taken as assessment this rate for Group IV is all the more necessary so that the same margin from the maximum limit of assessment may be kept in the villages in this group. This results in the reduction of the existing rate by 4 annas but this is well deserved.

## Proposed Group V.

The climatic condition of the 21 villages included in this group is unhealthy and they are definitely worse off than the villages in proposed Group IV. The rainfall is also heavier. Money crops like cotton cannot be grown in these villages. As pointed out in paragraph 61 the sale
value of land in this group is low while the rental value is equal to 310 times the assessment. Even though the Pimpalner-Warsa road has slightly improved their facilities regarding communications there has been no improvement in these 20 villages and the index figure for them as shown in the statement referred to in the above sub-paragraph works out a rate of annas 15 per acre while the present rate is annas 14 . I do not, therefore, think that any alteration in the present rate is called for and I propose that the existing rate of annas 14 should be retained as the standard rate for this group.

This rate will raise the total assessment of occupied lands in the village of Umbharpata (now included in this group) by 75 per cent. and this is not permissible under section 117-F (2), Land Revenue Code, as it limits the increase at a revision settlement to 50 per cent. in case of a village. In the original settlement report of the village, the Superintendent of Survey had recommended a rate of annas 10 but this proposal was not accepted by Government and they reduced the rate to 8 annas as Survey Settlement was being newly introduced in the village and further because it - was thought that in a tract of the kind it was desirable to keep the rate as low as possible. During the currency of the present settlement the facilities of communication for this village have improved by the construction of the Warsa-Umbharpata road in the east and the Borzar-Umbharpata (Kacha) Forest road in the west and now the village is in no way worse than any village in Group IV. In fact, as pointed out in paragraph 83 it is far better than the villages of Chopala and Tembha and there is, therefore, a clear case for bringing this village under the same rate as that fixed for the villages of existing Group IV, viz., annas 14. Government may, if they approve, issue a Notification under section 117-F (5) for excluding this village from the operation of the limits laid down in that section or remit the excess above the limit, i.e., annas 2 per acre, but there is no justification for continuing Umbharpata in a separate group with a special standard rate.
87. The result of the above proposals is as under:-

## Proposed Group I.

The incidence of assessment will be raised from $28.19^{\circ}$ per cent. to 32.87 per cent. of the average rental value of dry crop lands in the group.

Proposed Group II.
The incidence of assessment will be raised from 2511 per cent. to 30.48 per cent. of the average rental value of dry crop lands in the group.

Proposed Group III.
The incidence of assessment will be raised from 24.14 per cent. to 30.05 per cent. of the average rental value of dry crop lands in the group.

Proposed Group IV.
The incidence of assessment will be lowered from 37.94 per cent. to 31.26 per cent. of the average rental value of dry crop lands in the group.

## Proposed Group V.

The incidence of assessment will be raised from $32 \cdot 22$ to $34 \cdot 27$ of the average rental value of dry crop lands in the group.

## Patasthal Rates.

88. The facilities provided by pat irrigation in the villages in the taluka have been discussed in paragraph 70 and the sale and lease values in :raragraphs 81 and 82 . The assessment of patasthal lands under the newly amended Land Revenue Code falls into two distinct operations:-
(i) the classification of the pats according to the duration and quantity of water supply, etc.; and
(ii) the proposal of a standard rate to be applied to the best class, of soil having the highest irrigation facilities, i.e., 16 annas soil coupled with lirst class pat.
I have classified all the bandharas, pacea as well as kacha according to the instructions of the Director of Land Records after personal examination of each pat and I would like to make it clear that the standard rate proposed for patasthal lands in each group does not mean the effective rate in its application to the lands concerned as the actual incidence of assessment on a particular patasthal survey number will depend upon the quality of the soll and the class of pat. The standard rate, therefore, is the effective maximum and the actual assessment of the survey number will depend on the relation of its soil to the maximum of 16 annas soil value and of the pat io the 1st class pat.

$$
\text { Proposed Group I [sèe Form A.-7 (ii) }] \text {. }
$$

89. As pointed out in paragraph 81 the villages in section (i) (a) have an excellent water supply as compared with the other patasthal villages in the Taluka. These villages are:-

Dhadna, Kasara, Kokla, Malpur, Nagpur, Nagzari, Pimpalner, Sayana and Samoda.
All these villages have the best facilities in the Taluka as regards. communications and access to the Taluka markets of Kasara and Sakri and the outside markets of Dhulia and Nandurbar. The rainfall is moderate and the climatic conditions are favourable to the growth of bagait crops. The patasthal rates sanctioned for these villages are Rs. 14 for Pimpalner R2s. i5-8-0 for Phadna and Sayana and Rs. 15 for the rest. There is thus 'ro great difference in these rates but they seem to be pressing on the profits nf patasthal cultivation as the rental values prevailing in them show. It will be seen from. Form A.-7 (ii) that in almost every case excepting Kasara and Dhadna the assessment is in excess of 35 per cent. of the rental value. In the case of Malpur, Nagpur and Pimpaliner it is in excess of 50 per cent. and this indicates that the present rates require to be lowered. The average rental value of lands of all the villages included in section $(a)$ is $\pm 4 i$ times the assessment which also leads to the same conclusion. According to this average a standard rate of Rs. 12-8-0 will be within the 35 per cent. limit and is a reasonably fair rate not only for the villages in section (a) but also for those included in sections (b), (c) and (d) as the villages in section (b) which have an inferior water supply will have lower rates for them except at Datarti and Shevali, where of the two bandharas at each place one will have the maximum rate of Rs. $12-8-0$ and the other a lower rate. The following table shows the patasthal villages, the present and proposed rates as well as the percentages which the present and proposed rates will bear to the rental value shown in Form A.-7 (ii) :-

GROUP I.
Standard rate proposed Rs. 12-8-0.


[^2]

Note. The elfeotive rates entured in column 4 have been caloulated after classifying the fats of the villages and caloulating the assessment in accordance with the table of asloulntions prepared by the Settlement Commissioner.

It will be seen that all the villages in section (a) will have the rates reduced to Rs. 12-8-0 and the rental values prevailing in all of them except Kasara and Dhadna indicate that such reduction is necessary. The villages of Dhadna and Kasara get an unmerited reduction but as the assessment of pat water supply is being done by a systematic uniform process noindividual exceptions can be made. The rental value prevailing in the majority of the villages indicates that the reduction is well deserved.

Of the villages included in section (b) all except Chadvel (P), Jirapur and Shevali seem to be overassessed. All these get the required relief by the proposed standard rate of Rs. 12-8-0. The 3 villages mentioned above also will have their rates reduced for the reason given against Kasara and Dhadna above. The village of Jirethal is small and all its lands, about 100 acres in area, are watered by the pat. This village only will have its
present rate of Rs. 9 raised to Rs. 9-8-0 by the new method of assessing the water supply and thereby the percentage of assessment to the rental value will be slightly raised from 43.41 to 45.82 . This is inevitable in a village where the lands are held mostly by the money lenders and who are, therefore, naturally at the mercy of the villagers. The water supply of this village is more than adequate and the slight increase of 8 annas in the present rate is, therefore, quite justified.

Dahivel is the village included in section (c). It has 3 pacca bandharas which serve different blocks of lands and the rental value shown in column 4 above is made up of lands coming from the three different blocks. The three bandharas will have different rates and these are justified by the rental values. The reduced rates give the relief required by this village.

There is only one village in section (d) and it is Chiksa. At present there is no assessment fixed for it but under the proposed standard rate it will have a rate of Rs. $10-8-0$ and this will be adequate.

## PROPOSED GROUP III.

[See Form A.-7 (ii), section (i).]
90. The villages included in section (i) of the present group III fall in this, group. As pointed out in paragraph 81 this section has been divided into three sub-sections, section (a) containing villages with pacca bandharas, section (b) containing only one village with a pacca and a kacha bandhara and section (c) with one village having a kacha bandhara only. The bandharas in villages in sub-section (a) though good do not flow throughout the-year and there is no other bandhara in the group with a first class supply of water. In the current settlement these bandharas were assessed at rates varying from Rs. 8 to Rs. 11 but as pointed out in Faragraph 81 the rates were reduced by nearly 50 per cent. in 1912 as the water supply had become deficient. The revised rates are, however, very low. This is evident from the average rental value of lands of sub-section (a) which is equal to 6.66 times the assessment. This average rental value shows that the old rates were proper and could without injustice be restored. The proposed patasthal standard rate for the lands in group I is Rs. 12-8-() and I think that a rate of Rs. 10 for this group should be adequate. If this is fixed as the patasthal standard rate for this group the effective rates applying to the villages in the sub-section as well as those included in sub-sections (b) and (c) will be as shown in the sub-joined statement:-

GROUP III.
Proposed Standard Rate Rs. 10. .


It will be seen that even with the rate of Rs. 10 the villages in section (0) get an increase of only 25 per cent. A rate higher than Rs. 10 will not be fair as the supply of water in the Burai river in which the bandharas are built is not as secure as the Panzra. The rental value shown in column 6 shows that even with this increase in rate the villages including Akhada and Jaitana included in sub-sections (b) and (c) will be lightly assessed.

## PROPOSED GROUP IV.

[See section (ii) of Group III in Form A.-7 (ii).]
91. The patasthal villages included in section (ii) of the present group Ill fall in this new group. These villages also, as already pointed out in paragraph 82 , have been sub-divided into 3 sub-sections, sub-sectoin (a) comprising the two villages of Khandbara and Pankheda, section (b) containing the villages of Machmal, Bramhanwel (II) and Sutara and section (c) having only the village of Deshshirwada. The villages in section (a) have first class bandharas and the supply. of water also is adequate. Of the two villages included in this section the rental statistics of Khandbara only are reliable while those of Pankheda are misleading for the reasons given in paragraph 82. The patasthal rate at present sanctioned for the village of Khandbara is Rs. 9 and I think it should be tixed as the standard rate for the proposed group IV. At this standard rate, the rates that will apply to the villages in the group will be as under :-

## GROUP IV.

Proposed Standard Rate Rs. 9.


The rates for Machmal, Dhaner and Pankheda will be reduced. As Itgards Dhaner and Machmal there are no rental statistics to judge whether this reduction is necessary but the rentals of Pankheda village indicate that the reduction is justified. In the remaining villages of Bramhanwel (II), Sutara and Burudkha the present rates will be increased and the rental statistics of Bramhanwel show that the increase is justified. As regards Burudkha and Sutara there are no rental statistics available but the effective rates under the proposed standard rate differ very little from the current rates and, judged in the light of the statistics of other villages in the area, appear to be quite suitable.

## -PROPOSED GROUP $\nabla$.

[See Group IV in Form A-7 (ii)].
92. There is not a single village in this group with a first class pat. The three villages shown in the Form for which rental statistics are arailable have bandharas which flow for 8 months in the year or even for a lesser period and, therefore, there are no statistics in this group on which the group rate can be based. Considering, however, that Rs. 10 and Rs. ? have been found as adequate rates for proposed Groups III and IV, I think that a rate of Rs. 8 should be sufficient for this group. If this rate is fixed the effective rates will be as under:-
, GROUP V.
Proposed Standard Rate Rs. 8.


It will be seen that the present rate of Rs. 5 for the two bandharas of Dangshirwada and bandhara No. 4 of Khudashi will be raised by 8 annas and the rental statistics shown against these villages show that the increase is-justified. The same remarks apply to the bandhara in the village of Hopkhel and bandharas Nos. (1) and (3) in the village of Khudashi. As regards the merease in the rates for Warshe, Kaksad and Malegaon, there are no rental statistics from which the incidence of assessment on rent can be judged but the advantages derived from pat water amply justify the small increase proposed.
93. In the Original Settlement Rs. 8 was fixed as the patasthal rate for the village of Umbharpata (now proposed for inclusion in Group V) but as the pats did not flow for a number of years the patasthal assessment was abolished by G. R., R. D., No. 1249, dated 5th February 1912. During my inquiry it is ascertained that some of the old pats have revived and are flowing continuously for over five years (vide List No. 3 given in paragraph 76), and are, therefore, proposed to be assessed at this.revision. As there was no patasthal assessment there are no sale or rental statistics available. But by being included in proposed Group V this village will be covered by the rate of Rs. 8 proposed for the group and looking to the advantages derived from pat water the slight increase in assessment of Rs. 1-4-0 per acre will be quite reasonable.
94. The result of the above proposals will be :-

## Proposed Group I.

The incidence of patasthal assessment will be lowered from 43.14 per cent. to 36.17 per cent. of the average rental value of patasthal lands in the group.

$$
\text { LE Bx O. } 87-12
$$

Proposed Group III. •
The incidence of patasthal assessment will be raised from 14.02 per cent. to 18.95 per cent. of the average rental value of patasthal lands in the group.

Proposed Group IV.
The incidence of patasthal assessment will be lowered from 49.30 per cent. to $39^{\circ} 75$ per cent. of the average rental value of patasthal lands in the group.

Proposed. Group V.
The incidence of patasthal assessment will bz raised from 30.97 per cent. to 36.38 per cent. of the average rental value of patasthal lands in the group.

I give below a statement (next page) showing the comparative rates and the incidence of the proposed rates on the average rental value of patasthal lands in the various groups.

Tari (e.g. Rice) Lands.
05. These are situated in only 2 villages in the Taluka. There are 27 acres of old rice at Amli and 30 acres at Umbharpata and these are at present assessed at Rs. 8 and Rs. 4 respectively. There are no sale or lease statistics relating to rice lands in the two villages in question and, therefore, there is no data from which the suitability or otherwise of the present rates can be judged. However, as the present dry crop rate of proposed Group IV in which Amli stands is being reduced by annas 4 there should, I think, be a corresponding reduction in the rice rate also. I, therefore, propose Rs. 7 as the standard rice rate for Group IV. As regards Umbharpata, the dry crop rate is proposed to be raised by 75 per cent. by promotion of this village to a higher group but as the dry crop rate of Group IV. is about 30 per cent. less than that of proposed Group V, I propose to have a similar difference in the rice rate and accordingly suggest a standard rate of Rs. 5 for rice areas of Group V.



96. Inam villages.-These should take the dry crop and rice rates of the group in which they stand. The Government land in the Inam village of Dhongade should also be treated similarly. There is no patasthal land in the two Inam villages.
97. Repairs to Pats.-I am submitting a separate report regarding repairs to Pacca bandharas in the taluka and would suggest that prompt action be taken to carry out the repairs.
98. I have considered the advisability of application of section 117-M to the present settlement proposals. . Sakri Taluka consists mostly of land-holders who cultivate their lands themselves and as pointed out in paragraph 31, 86 per cent. of the occupied area is cultivated by owner cultivators. Fluctuations in prices are likely to cause fluctuations in the cost of cultivation and also in the cost of maintaining the cultivator and his family and the exact effect of these on the cultivators ${ }^{\prime}$ budget cannot be foreseen. The question would be different in an area where most of the area is held by non-cultivating landlords as the cost of cultivation, etc., would not affect their earnings, in the shape of rental value and very properly section 117-M can be applied to the area. It seems desirable to give greater security to the owner cultivator class which predominates in Sakri (as in Malegaon and Baglan) by fixing the standard rates independently of section 117-M and guaranteeing them for the usual period.
99. If the rates proposed are sanctioned the incidence of assessment on the rental value of occupied lands in each group will be as under :-


Note--The figures of incidence of assessment have been worked out after excluding the area and assessment of lando newly assessed to patasthal rates in this settiement.
100. The financial effect of my proposals is worked out in detail in Form A-9 and it is summarized below for convenience of reference :-

101. If the present proposals meet with the approval of Government I recommend that the standard rates proposed should be guaranteed for the usual period of 30 years.
102. The present proposals do not apply to lands assessed for purposes other than agriculture.

I have the honour to be, Sir,
Your most obedient servant,
D. G. SHALIGRAM;

Settlement Officer, C. D., Nasik.

## 51

## SAKRI TALURA.

List of Forms. ,

| S. $\mathrm{Na}{ }^{\text {a }}$ |  |  |  |  | Form No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (1) | - | $\cdots$ | $\cdots$ | -• | .. A. |
| (2) | - | - | -• | - | .. A.-1 |
| (3) | - | - | $\cdots$ | - | .. A.-2 |
| (4) | $\cdots$ | - | $\cdots$ | -• | .. A.-3 |
| (5) - | - | . ${ }^{\prime}$ | -• | -• | . A.-4 |
| (6) | - | - | $\because \sim$ | -• | .. A.-5 |
| (7) | - | $\cdots$ | - | $\cdots$ | .. A,-6 (With Graph) |
| ${ }^{(8)}$ | $\cdots$ | . | -• | -• | .. A.-7 |
| -(9) to (10) | $\cdots$ | $\cdots$ | -• | $\cdots$ | .. A.-7(i) and A.-7(ii) |
| ${ }^{\prime}$ (11) | - | - | - | $\cdots$ | . A. -8 |
| (12) to (13) | - | $\cdots$ | - | - | .. A.-8(i) and A.-8(ii) |
| (14) | $\cdots$ | $\therefore$ | - | - | . A.-9 |

FORMA.
[Rule 19-A (ii).]
Rainfall recorded at Sakri, district West Khandesh, for the years 1901 to 1910.


FORII A-contd.

| Year. | Early rain (lst January to 10th April). |  | Ante-monsoon (11th April to 4th June). |  | Monsoon Kharif (5th June to 14th August). |  | Monsoon Rabi (13th August to alat Vetober). |  | Lato raina REEnd Ortober to 3lat Decomber). |  | Total. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fall. | Rainy days. | Fall. | Painy days. | Fall. | Rainy days. | Fall. | Rainy days. | Fall. | Rainy days. | Fall. | Rainy daya. |
|  | Inches. | No. | Incher. | No. | Inches. | No. | Inchoe. | No. | Inches. | No. | Inchoa. | No. |
| 1021 | - | - | $0 \cdot 16$ | 1 | 10.44 | 17 | $4 \cdot 74$ | 12 | - | . | 45.34 | 30 |
| 1922 | 0.99 | 3. | 0.32 | 1 | $9 \cdot 96$ | 13 | $4 \cdot 31$ | 10 | 2.30 | - 4 | 17.88 | 31 |
| 1923 | 1.44 | 6 | . | - | $10 \cdot 32$ | 12 | $9 \cdot 26$ | 10 | 0.05 | $\cdots$ | 21.07 | 98 |
| 1824 | 0.05 | - | $\cdots$ | - | $5 \cdot 20$ | 8 | 16.26 | 23 | 0.46 | 1 | 21.07 | 32 |
| 1925 | - | - | 6.15 | 4 | $7 \cdot 37$ | 13 | 3.35 | 10 | $2 \cdot 68$ | 7 | 10.65 | 31 |
| 1926 | $1 \cdot 72$ | 3 | 0.54 | 2 | 7.41 | 14 | 0.28 | 13 | 0.13 | $\cdots$ | 10.00 | 38 |
| 1927 | $\cdots$ | .. | - | - | $13 \cdot 99$ | 24 | 0.91 | 13 | 3.48 | 6 | $27 \cdot 38$ | 42 |
| 1028 | $0 \cdot 30$ | 1 | . | - | $7 \cdot 05$ | 12 | 0.91 | - 10 | $3 \cdot 17$ | 0 | 20.43 | 20 |
| 1929 | 0.18 | 1 | - 1.00 | 4 | 13.03 | 17 | 2.55 | 7 | 0.06 | - | 10.82 | 90 |
| 1930 | . | - | $0 \cdot 30$ | 1 | 13.01 | 21 | 5. 19 | 8 | 0.22 | 1 | 18.72 | 31 |
| Total | 4. 68 | 14 | 8.47 | 13 | 97.78 | 151 | 71.74 | 116 | 12. 56 | 24 | 106.22 | 318 |
| Average for 10 years. | 0.46 | - $1 \cdot 40$ | 0.84 | 1.30 | 9.79 | $15 \cdot 10$ | $7 \cdot 17$ | 11.60 | 1.25 | $2 \cdot 40$ | 10. 62 | 31-80 |
| 1931 | $\cdots$ | -• | - | - | 12.85 | 22 | 14.37 | 22 | 2.76 | 8 | $28 \cdot 98$ | 47 |
| 1932 : | 0.35 | 1 | $1 \cdot 04$ | 1 | 10.30 | 10 | 10.18 | 13 | 0.75 | 2 | 22.02 | 36 |
| 1933 - .. | . | - | $3 \cdot 11$ | 5 | $8 \cdot 19$ | 17 | 14.11' | 16 | 0.88 | 2 | 26.30 | 40 |
| 1934 | 0.03 | -• | $\cdot 1$ | . | 4.73 | 14 | $2 \cdot 38$ | 5 | 2.45 | 8 | 8.69 | 22 |
| 1935 ... | 0.10 | 1 | 0.05 | . | $5 \cdot 40$ | 10 | 8.00 | 12 | 1.09 | 1 | 14.64 | 24 |
| 1936 . $:$ - | 0.59 | 2 | $0 \cdot 10$ | 1 | 2.80 | 5 | $2 \cdot 30$ | 7 | $7 \cdot 31$ | 12 | 18.19 | 27 |
| 1937 . . | $0 \cdot 02$ | .. | . | . | 10.24 | 15 | $5 \cdot 74$ | 11 | 0.72 | 2 | 16.72 | 28 |
| 1938 | $\because$ | . | 6.38 | 5 | 13.57 | 22 | 7.28 | 13 | - | - | $27 \cdot 23$ | 40 |
| 1938 .. | 0.06 | . | . | -• | $7 \cdot 96$ | 15 | 7.58 | 10 | $1 \cdot 28$ | 2 | 16.84 | 27 |
| 1940 | 0.08 | - . | 1-14 | 1 | 6. 63 | 13 | $8 \cdot 99$ | 13 | $1 \cdot 56$ | 4 | $18 \cdot 40$ | 31 |
| Total : | 1.23 | 4 | 11.82 | 13 | 82-76 | 152 | 81-91 | 122 | 18.79 | 31 | 196. 51 | 822 |
| Average for | , 0•12 | 0.40 | $1 \cdot 18$ | $1 \cdot 30$ | $8 \cdot 27$ | 15.20 | $8 \cdot 10$ | $12 \cdot 20$ | $1 \cdot 87$ | $3 \cdot 10$ | $10 \cdot 65$ | $32 \cdot 20$ |
| Grand Total .. | 14.42 | ' 35 | 33.23 | 53 | 371-22 | 636 | 272•67 | 421 | 81.03 | 85 | 742.57 | 1,230 |
| Average for 40 уears. | 0.35 | 0.87 | 0.83 | $1 \cdot 32$ | 9.28 | 1.59 | '6. 81 | 10.62 | $1 \cdot 27$ | $2 \cdot 12$ | 18. 66 | $30 \cdot 75$ |

## 

 Door to modersto.
1002 :-The total rulnfall of the year was In excean of the normal. Jnune ralos were below average bre the fall In cubeequent monthe wh:

$1008 ;$ - Bainfall during the year was about the averuge. Halnfall from June to Auguat was below normal but kharif crope did well on the whole. seyterober-October recorded cood rala-but later rulas falled and late crope suffered as a result. The season was lals.
1004 :-The total fall of the year wain below the nvernge. Rninfall from June to Aupust was lasumplent for sowinga and sown cropa were withiring in places. Good raln io september-October limprovai the altuation thoukh too late to save some of the crops. Lato ralna were practically atsent aud rabl crope did not mature astisfactorily. The seamon was poor to moderato for kharif
and fair rabl.
 In July accelerated anwinga but Inadorusey of min in August-Bepternber and its abaence later adversely affected kharif cropo.

1006 :-The yearin total mininall exceeded the normal. Pre-monsoon showers wero absent. Ralnfall from June to Auxust wan up to require menta anticrope did well. Beptember-Ociober ralas waro below normal and no rains occurred inter. The season was ink to talriy eathiactory.

1007 :- Bainfall during the year was much below the normal. Ralniall from Juno to August though below normal was generally up to
reciupementa. But september recorded a few cents and thero was no rain thereafter. Kharif crops suffered conslderably

$1008:-$ Total ralnfall of the year amounted to lees than half the averare. June mins were insafiscient for mowings which were completed under favourable ralge in July-Augut. With llaht showers in September the monsoon closed and crops both Kharif and rabi andered contidarably. The menton was poor and suspewsions were granted.
$1909:-$ The year's total ralnfall was below the average. Raininll in Juno July was op to requirements but August rains were deficlent Fall In Beptember was benelicial to orops and October rains stimulated rabi cultivation. The season was fairly satiafactory.
$1010:-$ Ralnfall during the year was sllghtly below the average. Kharlf ralns were renorally aumelent. As a result Kharlf crope throve well and rab
matisfactory.

1011 :-The year's total ralnfall amounted to lem than hatf tho average. Kharif rains were short of requirements and sowings were delayod and seedings aulfured in prowth. September-October recorded few centa. November fall was uaeful for rabl cropa but December was practically rainless. The seamon was poor to moderate,
1012 :-Total ralntall of the year was below the average. Eariy rains were ample but the fall in August was below normal and that in 8eptomber-October meagro. Kharlf crope as a reault sufered. November ratn proved useful for rabl crope but rain ceased
thereatur. Tho season was falr on the whole.

1018 :-Tho year's total rainfall was somo-what below the averape. Ralnfall In Juno-July was generally sufficlent for sowings tand that In August-8eptember helpful to orop growth. Kharif crops progressed well. Later ralns were practically absent. The season wat fatrly astinfactory.
1016 :--The agaregnto rainfall of the year was above the normal. There were no premonooon showers but sowing rafng were satisfactory, Aupust fall wam deficient but September rinins made amends for the deficlency and cropa throve well. Cseful rajn occurred in

1015 :-Ralnfall durlng the year exceeded the normal. Early ralns were sufficient for sowing. Fall in August was Insdequate but that In 8eptember scaronablo and bencililal to crope which progressed satisfactorly. Some rain occurred in later manths usefal

1010 :-Tho total fall of the year was In excese of the gormal. Raln in June was insuffelent but that in July-Angust useful for sowing. Subsequent mins proved gome what oxcesaive and affected kharif crops although the rabl ones were benettied by it.- On the
wholo the scason was falriy satigfaotory.

1017 :-The year's fall was morothan the normal. Rninfall In June was abont the average and that in July was dcifient. The deficiency whe mado Rood in August and the crops progressed woll under the seasonable ralns in September. October rains proved

1018 :-Total fall of tho year was less than half tho avernge. Kharlf rains were very lnqufticht. Some useful rain occurred in July-A but that In September-October was negligible or scanty. As a result both kharif and rabi crops aulfered considerably. The season was poor.
1010 :-The year's total minfall was much sobove the averaqe. Ralnfall in June-Jnly was seasonable for sowing. Fall in August was deflelent but lnter rains were aboudant. Lainfall in October-Novembor proved excessive for kharif crops but benefited
rabl once. The season was folirly good.

1020 :-The total fall of the year was abnormally low and monsoon closed abruptly fn September. Owing to deflclency of kharif and absence of rabl ralns both kharlf and rabi crope sulfered conslderably. The scason was poor on the whole.
1921 :-Ralnfall of the year was in defect of the normal. Early rains were generally euffelent. August min was defectlve but that of Scptember proved uxicful for crop srouth and afforded molsture for rabl cultivation. However, rains ceased after this and
1092 :-The year's total ralnfall was allghtly below the average. Sowing rai and more raln was needed. Rainfall in September was below normat falrly substantial but the fall in August was deficient occurrod in later months. The senson was somewhat below normal.

1893 :-Tho total fall of the year was ahove the normal and was recelved mortly in July, August and Eeptember. Juno was rainless and owinga were deliyod while there was no rain after September. Delay in sowing and short duration of the rain adversely

1094 :-Tho year's total ralnfall was above the normal. Rainfall from June from tho latter half of August till October benefied crope and etimulated rabl operntlons. Eiabl crope were affected by frost in January. The seacon was falrly satisfactory.
1025 :-Ralnfall during the year was above the average. June rains were satisfactory but in July were defective. August recorded useful rain but September raln was agaln dettelent nnd October dry. More rala was needed to ensure normal crop growth and
$1020:$-The year's total rainfall was somewhat below the average. Rainfall in June and July was below normal but substantial ratn in August-Scptatuber improved crop condition and ennbled rabi sowings being undertaken. Absence of late rains gave 1097 :-Rninafall of the year was much in excess of the averafe. Monsoonstarted in the second week of June and it rained throughout
tho whole of July and crope wero well established. August recorded light raln but Scptember rain was ubeful forkharif cropa and

1923 :-The total ralniall of the year exceeded the normal. Rainfallin June was deficient but that in July fairly sabstantlall. August recordod oume rain and raina in September-October benefited crops and faclitated rabl cultivation. Some rain occurred in November-December. Late rains adverscly affected cotton; while frost also caused some damage to rabl crope in places.
1929 :-The total rainfall during the year was below the average. Ralnfall in June was sufficient but that from July to October was only moderate and was marked with breaks. Thls gave a serlous set back to orop growth. Absence of late rains adversely
atiected rabl ylelda. The season was moderate.

1030 :-The year's total fall was sildbtly in excess of the averape kharif ralns were generally up to requirements, although the cultivatlon while some IIght fals occurred in Octolaw the normal quantsty. September mins gave sample molsture for rabi cultivation while some Hght falls occurred in October-November. The season was figtry eatisfactory.





1988 :-The year's total rafifall was appreciably in exces of the average. Jupe rato way farnurnble but that In July wat dearhith.

1934 :-The rainfall of the year was about half the urual quanthy. Premonsoon rind were aboent apd the fall fill seprembet was morh below the average. Crop condition as a result wat not anthactory. Octobet recorded a fow rrite and with eomo rain in to fair and enapentions ware granted ln eome vilingen
$1985:$ The rainfall during the yoar was below the normal. Pre-moneoon raine were abocat. Fiatntall in Jtme wai favourabie but that

 also only light to moderate. October was dry. Crope deteriornted and dry oncs almont anifed lo placen. Unuanty beevy
1937 :-The year'a total ralnfall wats below the normal amount. Early ming were favoumble for mowing and crop rrowth but Augut recorded a few cents only and crope sutfered as a result. Soptember reine improved crop condllion; but later ralns wrto a bsent or negllgible and reduced crop yields. The season wail fair.
1938 :-The rainfall during the year was conslderably in excess of the average. Promonaona raing were abeent but the ralafall from June

1939 :-The total fall of the year was somewhat below the normal. Ralnfall in Jone wad degcient but that in the fint halt of July was falrly substantial. A drougbt ensued from the middle of July till the middie of auruit and adveroely alirried rrolw. Rainfallat the end of August improved crop condition but later ritis werelinadequete and crops bulfored in growth The somon was lalr.
1940 :-The year's total rainfall exceeded the Dormal. June ralns wero atisfactory but the preclpltation thil the middile of september was moderate and inadequate. Good rain occurred in the thlrd week of Beptember but thero was apaln a break of atiout a month and the showers received In the third week of October also advencly alfected cropa. November ralme proved benelticial to rabi crope. The season is expected to be fair.
(Signed) W. J. JENKNS,
Director of Agriculture, Bombay Province, Poona.
[True copy]
D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

FORM A-1.
[Rule 19-A (vi, ]
Details of population according to occupation, Sakri Taluka.

D. G. SHALIGRAM,

Stettlement Officer, Central Division, Nasik.

FORM A-2.
[Rule 19-A (vii)]
Agricultural Stock of the 164 Government Villages in the Sakri Talula of the TVest Khandesh


Details of cultivation and crops of the Sakri Taluka of the

| Number of villages in each group. | Cultivated and uncultivated area. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grosi ares nown (T. F. XX).$2$ | Deduct twice cropped area. <br> 3 | - Deduct anassessed land sown. | Net assessed cropped ares. <br> 5 | Add fallow land. <br> 0 | Total ares occupied for cultivation.$7$ | Cultivable waste unoccupied. |  |
|  |  |  |  |  |  |  | Asscased. | Unassessed. |
|  |  |  |  |  |  |  | 8 | 9 |
| Average from 1804-95 to 1848-09. <br> 161 <br> . | 163,034 | 1,684 | - $\cdot$ | 161,350 | 61,068 | 223,018 | 168,231 | -• |
| 164 .. .. | .... | - | . $\cdot$ | -••• | .... | - | . | -••• |
| 45 | 81,100 | 3.462 | 5,878 | 71,760 | - 4,648 | 78,408 | 13,559 | $\cdots \cdot$ |
| 11 .. | 18,644 | 203 | 201 | 18,240 | 2,071 | 20,311 | 1,132 | - $\cdot$ |
| 87 .. | 123,773 | 2,014 | 21,010 | 100,151 | - 19,385 | 119,536 | - 34,884 | -... |
| 20 .. | 30,310 | 2 | 4,640 | 25,668 | 10,641 | 36,309 | 8,077 | $\cdots$ |
| 1 .. | 7,538 | . ${ }^{\prime}$ | - 2,000 | 5,538 | 2,477 | 8,015 | 4;495 | . $\cdot$ - |
| Total. | 261,367 | 0,281 | 33,729 | . 221,357 | ${ }^{4} 30,222$ | 260,579 | 62,157 | .... |


A.3.

19-A (viii).]
West Khandesh District for the year 1939-40.

| - |  | $\begin{array}{r}\text { Gross } \\ \text { area. } \\ \\ - \\ \hline 12\end{array}$ | -. Dotaile of eoloma 8. Corenle and Pulsen |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Not available for oultivation: |  |  | Rioe.$13$ | Wheat. <br> 14 | Barloy.$15$ | Jowar. | Bajri. <br> 17 | Rag. <br> 18 | Malso. <br> 10 | Gram. | Mug. |
| Forest. | Other including ancultivable. |  |  |  |  |  |  |  |  |  |  |
| 10 | 11 |  |  |  |  |  |  |  |  | 20 | 21 |
| 148,150 | 48,681 | - 688,080 | $\left\{\begin{array}{rr}3,736 \\ 2.31\end{array}\right.$ | $\mathbf{6}, 020$ $3 \cdot 11$ | $\because$ | 6,029 3.73 | 71,028 $4 \cdot 08$ | 11,888 7 | $\because$ | 8.760 $8 \cdot 38$ | 1,470 0.41 |
| . ${ }^{\text {c.. }}$ | . ${ }^{-}$ | . | - |  | - | - | " | - | - | - | " |
| 33,255 | 16,423 | 139,645 | $\left\{\begin{array}{c}3,845 \\ 5 \cdot 35\end{array}\right.$ | 1,575 $2 \cdot 10$ | $\because$ | 8,956 $\mathbf{8 \cdot 2 9}$ | $\begin{gathered} 41,082 \\ 67 \cdot 24 \end{gathered}$ | 462 0.64 | $\begin{array}{r} 140 \\ 0.19 \end{array}$ | 816 0.71 | 127 0.17 |
| 1,507 | 4,083 | - 27,033 | $\left\{\begin{array}{l}\square \\ \because\end{array}\right.$ | 252 1.38 | ". | 1,020 8.50 | $\begin{array}{r} 8,810 \\ 46.59 \end{array}$ | 11 0.06 | 48 0 | 1 $\begin{array}{r}81 \\ 0.16\end{array}$ | $\because$ |
| 138,889 | . 29,741 | 323,060 | $\left\{\begin{array}{c}5,915 \\ .5 \cdot 90\end{array}\right.$ | 1,853 1.85 | $\because$ | $\mathbf{8 , 7 8 8}$ .8 .77 | 51,038 51.85 | 8,185 .8 .18 | 880 0.87 | 1,239 $1-28$ | 263 0.26 |
| 20,217 | 7,096 | 71,699 | $\left\{\begin{array}{r}2,100 \\ 8 \cdot 18\end{array}\right\}$ | 961 $3 \cdot 74$ | $\because$ | - $\begin{array}{r}1,165 \\ \hline .63\end{array}$ | 8,320 $20 \cdot 72$ | 5,588 $\mathbf{2 1} \cdot 77$ | 668 $2 \cdot 60$ | $\begin{array}{r} 1,806 \\ 7 \cdot 00 \end{array}$ | 11 0.04 |
| 12,809 | $\cdots 1,321$ | 26,640 | $\left\{\begin{array}{r}2,040 \\ .36 \cdot 83\end{array}\right.$ | 41 0.74 | -": | 9 0.16 | $\begin{array}{r} 25 \\ 0 \cdot 45 \end{array}$ | 1,881 $\mathbf{3 5} \cdot 77$ | $\begin{array}{r} 30 \\ 0.64 \end{array}$ | 38 0.98 | - |
| 206,677 $\cdots \cdots$. | $\cdots$ | 588,077 $\cdots \cdots \quad$. | \{r $\begin{array}{r}13,000 \\ 6.27\end{array}$ | 4,882 $2 \cdot 11$ | $\cdots$ | 16,938 $7 \cdot 65$ | $\begin{array}{r}108,673 \\ 48.19 \\ \hline\end{array}$ | $\begin{array}{r} 11,227 \\ 8.07 \end{array}$ | 1,768 0.78 | $\begin{gathered} 9,647 \\ 1 \cdot 64 \end{gathered}$ | $\begin{array}{r} 891 \\ 0 \cdot 17 \end{array}$ |





A 3-coned.



## FORM A.-4.

[Rule 19-A (viii).]
Detaits of occupied, fallow, etc., lands in the Government villages of the Sakri Taluka, District West Khandesh, year by year from 1910-11 to 1939-40.

D. G. SHALIGRAM

Sqétlement Officer, C. D., Nasik.

FORII A.-
[Role 19-A (ix).]
Statement showing agricultural wages prevalont in Sakri Taluka, District IFast Lhamdesh, year by year from 1911 to 1940.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

FORM A. -6.
[Rule 19-A ( $x$ ).]
Prices prevalent in the Sakri Taluka of the West Khandesh District from 1905 to $191^{\prime} 0$.


FORMA-7.
[Rule 19-A (xiii)]
Leases of Dry Crop Lands in the Villages of the Sakri Talukn, Wrest Khandesh District, during the period of 1935.36 to 1939-40.


FORM A 7-contd.


FORM A 7 -cond.

| Serial No. in Form A-9 | Name of village. | Ares of land lesesed. | Assenmment. | Rent. | Percentage of nunt repremented by the assimament. | Multiple of acercesment meprewented by rent. | Nunilure ut Loverre. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grocp 111 <br> [Section (ii)-contd.] | A. g. | Rs. a. p. | Rs. a. p. |  |  |  |
| 103 | Titans .- | 1,061 3 | $504 \leqslant 6$ | 1,088 698 | 25-38 | 3.04 | ** |
| 105 | Ubhand .. .. | 28428 | $\begin{array}{llll}71 & 8 & 0\end{array}$ | 52918 | $13 * 1$ | $7 \cdot 10$ | 15 |
| 107 | Vitave . . . .. | $107 \quad 27$ | 60 3 6 | 28288 | $24 \cdot 50$ | $4 \cdot 08$ | 10 |
| 108 | Vadel .. | 8120 | 3880 | 2461819 | 15.64 | $0 \cdot 30$ | 7 |
| 111 | Varsus ... .. | 01912 | 26419 | 1,10319 | 23.94 | $4 \cdot 17$ | 4 N |
| 112 | Vajdare .. .. | $433 \quad 12$ | 136140 | 519123 | 26.33 | 8.70 | 27 |
|  | Total .. | 15,307. 5 | 5,665 66 | 23,406130 | $24 \cdot 14$ | $4 \cdot 14$ | 1,117 |
| $\cdots$ | Average rent per acre .. | Re. 1-52 | - | . |  |  |  |
|  | [Section (iii)] |  |  |  |  |  |  |
| 113 | Amli .. | 20933 | 10120 | 231103 | $43 \cdot 68$ | 2.20 | 16. |
| 114 | Burudkha .. | 295 | 1900 | 2846 | 67-19 | 19.48 | : |
| 69 | Bramhanyel (II) .. | 67727 | 30018 | 89775 | $34 \cdot 14$ | $2 \cdot 00$ | 64 |
| 115 | Balhana: .. . .. | 35413 | 20220 | $\begin{array}{llll}566 & 3 & 0\end{array}$ | 35.70 | $2 \cdot 80$ | 43 |
| 116 | Dhaner . .. .. | $178 \quad 16$ | 10180 | $\begin{array}{llll}210 & 2 & 3\end{array}$ | $48 \cdot 30$ | 2.07 | $\therefore$ |
| 117 | Deshshirwada .. .. | $465 \quad 7$ | 22126 | 607136 | 36.38 | 2.74 | 44 |
| 118 | Dapur .. .. | 4543 | 164130 | $429 \quad 98$ | $38 \cdot 36$ | $2 \cdot 60$ | 34 |
| 118 | Jamkhel .. . .. | .... |  |  | .... | . $\cdot$ | .... |
| 120 | 'Jambhora .. .. | 840 | 6000 | 167100. | $35 \cdot 79$ | 2-70 | 8 |
| 121 | Khandbara .. .. | 7930 | 44110 | 170146 | $28 \cdot 15$ | $3 \cdot 82$ | 11 |
| 124 | Kurusmada .. .. | $12 \quad 33$ | 780 | 12113 | - 50.06 | 1.09 | 3 |
| 125 | Lagadohol .. | - ... | .... | . | - $\cdot$. | - $\cdot$. | :... |
| 126 | Malgaon .. .. | .... | .... | .... | .... | . $\cdot$ | .... |
| 129 | Machmal - | 1201 | 9500 | 221150 | $42 \cdot 80$ | $2 \cdot 33$ | 17 |
| 130 | Mohans $\quad$. | 1725 | 1280 | . $3310 \quad 9$ | 37-13 | $2 \cdot 69$ | $:$ |
| 131 | Pargaon ... -.. | 1,483 34 | 49440 | 1,003 568 | - 30.83 | $3 \cdot 24$ | 114 |
| $132^{4}$ | Pankheda . .. . .. | 1,875 <br> 19 | 1,009 150 | 2,403 6 3 | 42.02 | $2 \cdot 37$ | 17\%: |
| 133 | Pangan .. i.. | 43125 | 201130 | 334140 | $00 \cdot 26$ | 1.65 | 3 |
| 135 | Raytel .. .. | $44 \quad 1$ | $\begin{array}{llll}19 & 8 & 0\end{array}$ | . $3913 \quad 3$ | 48.00 | $2 \cdot 04$ | 4 |
| 136 | Sutars -. ${ }^{\text {a }}$. | 124 | 500 | 8.7 7 | $50 \cdot 03$ | $1 \cdot 60$ | 1 |
| 139 | Sirsala .. | $43 \quad 21$ | 1400 | $\begin{array}{llll}38 & 5 & 6\end{array}$ | $38 \cdot 52$ | $2 \cdot 73$ | * |
| 141 | Virkhel - .. | 69200 | 30288 | 01614 O | 32.90 | $3 \cdot 03$ | 44 |
|  | Total . . | 7,285 $\quad 17$ | 3,385 88 | 8,923 318 | 37-94 | $2 \cdot 63$ | . 0.64 |
|  | Average rent per acre .. | Rs. $1 \cdot 22$ | 1 |  |  |  | - |
|  | Group Total .. | 23,409 12 | 9,420 6 6 7 | 33,855 96 | 28.08 | 3.b0 | 1,5:7 |
|  | Average rent per arre .. | Rs. 1-43 |  |  |  |  | . |

FORM A 7-contd.

*N.B.-Information about dry orop, rice, garden lends, etc., should be compiled in separate forms. The class of lands to which the leases pertain should bespecified in the space.

## D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

## FORMA.7(i).

[Rule 19-4 (xiii).]
Leases of Motasthal Lands in the Villages of the Sakri Taluka, West Khandesh District, during the poriod of 1935-36 to 1939-40.


FORMA-7 (i)-contd.

| Serial No. in Form A. 9. | Namo of villago. | Area of land leased. | Ancesament. | Rent. | Porcentage of rent represented by the assessment. | Maltiple of assessment represented by rent. | No. of Leases. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 74 | Group III-condd. <br> [Section (ii)-sontd.] | A. g. | Re. s. p. | Rs. s. p. |  | , |  |
|  | Dusana .. | 159 | 4136 | 205 ¢́ 0 | $2 \cdot 35$ | 42.38 |  |
|  | Kadhro .. | 1428 | 460 | -104 10 9 | $4 \cdot 17$ | 23.92 | $1{ }^{1}$. |
| 86 | Kalambhir .. .. | 2231 | 13156 | 50840 | $2 \cdot 64$ | 36.38 | 9 |
| 87 | Korde | $\begin{array}{ll}16 & 39 \\ 38 & 31\end{array}$ | 1106 | 97106 |  | $8 \cdot 85$ | 12 |
| 88 | Khudans .. . |  | 2826 | 71406 | $3 \cdot 94$ | $25 \cdot 35$ | 40 |
| 95 | Pcrajpur | $\begin{array}{rr}38 & \mathbf{3 1} \\ 7 & 15\end{array}$ | 3120 | $\begin{array}{lll}42 & 6\end{array}$ | 8.84 | $11 \cdot 30$ | 5 |
| 130 | Titans | 5413 | 5600 | 51453 | 10.88 | $9 \cdot 18$ | 28 |
|  | Total . . | 252.2 | 16130 | 2,678 03 | 6.01 | 16.61 | 130 |
|  | Average rent per acre .. | Re. 10.62 |  |  |  |  |  |
| 115 | Belhana | 1732 | 1150 | 117116 | $9 \cdot 60$ | 10.40 | 10 |
| 141 | Virkhel .. | 88 | -600 | 6780 | 10.42 | $9 \cdot 59$ | 4 |
|  | Total .. | 260 | 1760 | 17546 | $8 \cdot 87$ | 10.12 | 14 |
|  | Average rent per aore | Res. 6.74 |  |  |  | - |  |
| - | Group Total . | - 28413 | 182. 86 | 2,993 123 | $6 \cdot 09$ | $16 \cdot 40$ | 151 |
|  | Average rent per aore | Rs. 10.52 | . |  |  |  |  |
|  | Grand Total . . | 43685 | 28626 | 4,162 03 | 6.87 | 14.54 | 209 |
|  | Average rent per sore | Re.9.52 |  |  |  |  |  |

D. G. SHALIGRAM,

Settlement Officer, C.D., Nasik.

71
FORMA-7 (ii).
[Rous 19-A (xiii).]
Leases of Patasthal Lands in the Villages of the Sakri Taluka, Wast Ehandesh District, during the period of
$1935-36$ to 1939-40.


FORM A-7(ii)-coned.


PORII A-7(ii)-cowd.


м m -II $\mathrm{Bk} \mathrm{Ca} 37-19$

FORMA-7 (ii)-conld.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

## FORM A-8.

[Rule 19-A (xiv).]
Selling Value of Dry Crop Lands in the Villages of the Sakri Taluhn, Wiest Khandesh District, during the periond of 1935-36 to 1939-40.


FORM A-8-contd.


FORMI A-8-contd.


FORMI A-8-contd.


Settlement Officer, C. D., Nasik.

## FORM A-8 (i).

[RuLe 19-A (xiv).]
Selling Value of Motasthal Lands in the Villages of the Sakri Taluka, West Khandesh Distrio, during the period of 1935-36 to 1939-40.


FORY A-8 (i)-contd.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

FORII A-8 (ii) [Rule 19-A (xiv).]
Selling Value of Patasthal Lands in the Fillages of the Sakri Taluka, Test Khandosh, during the period of 1935-36 to 1939-40.


FORM A-8 (vi)-conte.


FORMI A-8 (ii)-conded.


FORM A-8 (ii)-conld.

\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline \begin{tabular}{l}
serial \\
No. \\
in \\
Form \\
A. \(\boldsymbol{\theta}\).
\end{tabular} \& Name of village. \& Area of land sold. \& Asscssment. \& Sale price. \& Number of times the assessment represented by the price. \& No. of sales. \& Remarks. \\
\hline 142 \& \begin{tabular}{l}
Group IV-contd. \\
[Section (b)] \\
Bopkhel
\end{tabular} \& A. \(\mathrm{g}^{\circ} \mathrm{l}\) \& Rs. a. p.
\[
615 \text { ' } 7
\] \& Rs. a. p.
\[
29280
\] \& \[
48 \cdot 08
\] \& 3 \& \\
\hline - \& Average price per acro

[Scction (c) $]$ \& Rs. 103. 53 \& \& \& \& \& <br>
\hline \& Khudashi \& 723 \& 1010 \& 63000 \& $52 \cdot 67$ \& 4 \& <br>
\hline 151 \& \multirow[t]{2}{*}{Average prioc peracre} \& Rs. 60.06. \& \& \& \& \& . <br>
\hline \multirow{4}{*}{.} \& \& 1826 \& 321210 \& 1,674 8 0 \& $51 \cdot 04$ \& 16 \& <br>

\hline \& \multirow[t]{2}{*}{| Average price por acre |
| :--- |
| Grand Total |} \& Rs. $80 \cdot 78$ \& \& \& \& \& <br>

\hline \& \& 2412 \& 2,065 51 \& 81,872 $10 \quad 9$ \& $39 \cdot 64$ \& 334 \& <br>
\hline \& Average price per acre \& Rs. 339.65 \& \& \& \& \& <br>
\hline
\end{tabular}

D. G. SHALIGRAM,

Settlement Officer, C.D., Nasik. .

## FORM A-9.

## Effect of Revision Settlement



A-9.
19-B).
in the Taluka of Sakri in the District of West Khandesh.


A.9-contd.

mo-m Bk Ca 37-23

A. - ond.



A-9-contd.



## A-9-contd.




A-9-conted.



A-9-coned.



*Will be assessed now as old rice fn yiow ofsection 117-H of the Land Reverue Cods.
Noto-The aros and asesement of lands first brought under patanthal rates in this settiement in ench group are an mias:-


D. G. SHALIGRAM,

Settlement Officer, C.D. Masik.

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## SAKRI TALUKA.

APPENDICES.


APPENDIX 1.
Wells, Bhudkis and other sources of water supply, Talukn Sakri, Distriat W'est Khandesh, 1937-38.

D. G. SHALIGRAM, Settlement Cificer, C. D., Nasik.

## APPENDIX 2.

Presses and Industries, etc., in the villages of Sakri Talukn, District Frest Khandesh.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

## APPENDIX 3.

## Cost of Cultivation, Sakri Taluka.


D. G. BEALIGRAM,
'Settlement Officer, C. D., Nasik.

APPENDIX 4.
Statement showing the Results of Crop Experiments made in Sakri Taluka during the years 1936-37 and 1939-40.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik:

## APPENDIX 5.

Collection of Assessment on Governmant land in the villages of the Saki Taluku,-Districe West Khandesh, yoar by year from 1910-11 to 1939-10.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

## APPENDIX 6.

List of Kacha Bandharas which were not in existence at the Original or Revision Settlement but which were first noticed at this Settlement and which are not proposed to be assessed as they were found flowing for less than five continuous years.

D. G. SHALIGRAM,

Settlement Officer, C. D., Nasik.

APPENDIX 7.
Slatement shoting area under cotton in the villages of Sakri Taluka, Distriat Ted Khandesh.

| $\begin{gathered} \text { Serial } \\ \text { No. } \\ - \\ 1 \end{gathered}$ | Name of village. |  | Oldest year 1907-1008. |  | Parcontago. | Latcet your 1039-40. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Net oroppod area. 3 |  |  | Not oroppod aroa. 0 | Cotton Arman 7 | Parroantago <br> 8 |
|  | Grout I. |  | A. g. | A. g. |  | A. B. | A. 8. |  |
| 1 | Astane | .. | 1,248 24 | 2054 | 17 | 1,376 384 | 0390 | 40 |
| 2 | Akalpade .. ' |  | 16523 | 1721 | - 11 | $169 \quad 0$ | 1138 | 7 |
| 3 | Amoda | .. | 3898 | 7223 | 19 | 64882 | 1385 | 21 |
| 4 | Bhadna .. | .- | 1,664 264 | 234271 | 14 | 1,007 8 | 33017 | 17 |
| 5 | Bodhri | .. | 28918 | 600 | 11 | 28118 | 1471 | 81 |
| 6 | Bodgaon .. | .- | 1,053 364 | 3490 | 33 | 1,208 201 | - 17018 | 13 |
| 7 | Bhondgaon .. | . | 16937 | 1637 | 10 | 335.13 | 129 s4 | 30 |
| 8 | Chinohpada .. |  | 1,241 11 | 6450 | 44 | 1,138 \& | 28320 | 25 |
| 9 | Chiksa . - | $\cdots$ | 964 341 | 32131 | 33 | 96881 | .... | -• |
| 10 | Chadvel (M) .. |  | 1,010 ${ }^{-213}$ | 150 | 15 | 1,332 88 | 24438 | 18 |
| 11 | Datarti .. ${ }^{-}$ | - | 3,240 13 | 87019 | 27 | 4,458 71 | 1,183 2 | 26 |
| 12 | Dhadna | .- | 1,967 37 | 33537 | 17 | 1,840 85 | 33418 | 18 |
| 13 | Dahiwel | .. | 2,087 26 | 34511 | 17 | 8,21239 | 33818 | 10 |
| 14 | Gondas | -• | 459 | 158201 | 34 | 6678221 | 122 889 | 28 |
| 15 | Ghodada' | .- | 2,461 181 | 44711 | 18 | 8,811 201 | 00420 | 20 |
| 16 | Jirethal | . | 94 11 | .... | . | 1060 | 2580 | 25 |
| 17 | Jaitana | .. | 1,008 20 | 3120 | 31 | 1,101 87 | 378 | 32 |
| 18 | Jebapur : .. | . | 6522 | 25413 | 39 | 94531 | 3038 | 3 |
| 19 | Jirapur .. | .. | 157 9 | 4222 | 27 | 20027 | ... | - |
| 20 | Kavtha | . | 2,429. 301 | 671201 | 28 | 2,081 8 | 1,032 27 | as |
| 21 | Kasarn .. | .. | 90827 | 3094 | 34 | 877 0 | 261181 | 20 |
| 22 | Kokls .. |  | 40724 | 6837 | 17 | . 872 24\} | 14580 | 80 |
| 23 | Kirvada .. | . | 471 | 122 ¢ | 26 | 904264 | 22416 | 25 |
| 24 | Mhasdi P. Ner. . | .. | 2,486 38 | 803 3 | 32 | 2,318 14 | 8808 | 98 |
| 25 | Mhasdi P. Pimpalner | - | 74035 | 13818 | 18 | 87688 | 83.17 | 0 |
| 26 | Malanjan .. | .. | 97221 | 21710 | 22 | 1,225 15 | 88010 | 31 |
| 27 | Malpur .. |  | 950 31 | 17317 | 18 | 858201 | 27381 | 82 |
| . 28 | Nandvan | . | 1,207. 01 | 1932 | 15 | 2,232 14 | 62422 | 28 |
| 29 | Nagzari .. | .. | 6339 | 1919 | 30 | 85120 | 15735 | 18 |
| 30 | Navadna | .. | 1,269 0 | - 36917 | 29 | 1,140 201 | 874 8 | 38 |
| 31 | Nagpur | . | 183 91 | 330 | 18 | 233 374 | 4130 | 18 |
| 32 | Palchrun | .. | 80212 | 170 | 21 | 799 21\} | 1738 | 22 |
| 33 | Pimpalner .. | . $\cdot$ | 1,738 22 | 2550 | 15 | 1,725 18 | 36 | 0.2 |
| 34 | Rohon .. |  | 836 | 13738 | 16 | 1,339 34 | 1698 | 12 |
| 35 | Sakri |  | 8011 | 236 | 29 | 80325 | 33527 | 2 |
| 36 | Shringarvadi .. |  | 5005 | 13225 | 37 | 18424 | 10038 | 33 |
| 37 | Sayad Nagar .. |  | 1,026 8 | 22235 | 22 | 9888 | 23718 | 24 |

[^3]APPENDIX 7-contd.


APPENDIX 7-cond.


APPENDIX 7 -conld.


APPENDIX 7-conld.


[^4]APPENDIX 7 -coned.


## PRICE CHART

TALUKA SAKRIDISTRICT WEST KHANDESH

##  <br> SEERS PKA <br> RUPEE: <br> 1


[^0]:    L BE Cs 87-1

[^1]:    L $\mathrm{BECa} 37-3=$

[^2]:    $\mathrm{L} \mathrm{BkCa} 37-11$

[^3]:    no-II Bk Ca 37-28

[^4]:    mo-n $\mathrm{Bk} \mathrm{Ca}_{3} 37-20$

