

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1822

Press

~~MIS~~

21-22

Dated

3-10-1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
3rd October 1864.*

No. 21. Read the following Proceedings of the Board of Revenue, dated 8th March 1864,
No. 1,440.

Read again the following letters recorded in the Board's Proceedings dated 19th May 1863,
No. 2,955, and 22nd June 1863, No. 3,741:—

From the Acting Collector of the Godavery District, dated 3rd June 1863, No. 129.
Do. do. Kistna, dated 16th April 1863, No. 78.

Read also the following letters:—

From the Acting Collector of the Godavery District, dated 21st July 1863, No. 205.

1. In reply to the Board's Proceedings, No. 3,741, dated the 22nd ultimo, I have the honor to inform you that the value of the produce in the experiments made on dry and wet crops in the villages of Paina and Alamur was determined by estimate upon the spot. Details of the cost are contained in the accompanying Statement. All charges of every description are included.

2. The crop on the ground was not purchased for Government. It was reaped and threshed at the cost of the cultivator under the superintendence of the Government officers, by whom the grain was afterwards measured and valued at the same rate as similar grain fetched in the village. The expenses for reaping and threshing were paid under Government superintendence: the other expenses were ascertained from the cultivator.

3. The Jonna crops in this District suffered severely last Fusly from the failure of rain, and this will account for the loss sustained in the dry crops.

ENCLOSURE No. 1.

GODAVERY DISTRICT.

Statement showing the details of the cost on Dry and Wet crops in the villages of Paina and Alamur.

Details of cost.						For 11 Acres	Per Acre.
<i>Paina.</i>						15 C. of land.	
Manuring the seed bed ...	...	...	...	...	...	1 10 0	
Ploughing do. ...	...	...	...	...	...	4 12 0	
Seed ...	...	...	...	...	...	6 4 0	
Removing the young paddy ...	...	...	...	...	...	4 4 0	
Ploughing ...	...	...	...	...	...	12 0 0	
Transplanting young paddy ...	...	...	...	...	...	9 8 0	
Weeding... ..	...	...	...	...	...	4 10 0	
Reaping ...	...	...	...	...	...	9 8 0	
Putting the paddy up in bundles	...	...	...	...	...	1 2 0	
Carriage of do. to be heaped ...	...	...	...	...	...	1 8 0	
Heaping ...	...	...	...	...	...	1 8 0	
Threshing ...	...	...	...	...	...	6 6 0	
Total...						63 0 0	5 11 7

<i>Alamur, 11 acres of land.</i>							
Ploughing ...	...	...	...	...	...	6 12 0	
Seed ...	...	...	...	...	...	1 14 0	
Watching ...	...	...	...	...	...	3 2 0	
Cutting ...	...	...	...	...	...	4 10 0	
Threshing ...	...	...	...	...	...	2 6 0	
Total...						18 12 0	1 11 9

COCANADA, 21st July 1863.

(Signed) H. MORRIS, Acting Collector.

*Proceedings of the Madras Government, Revenue Department,
3rd October 1864.*

From the Acting Collector of the Kistna District, dated Masulipatam, 26th June 1863, No. 140.

1. With reference to the Proceedings of the Board dated 19th ultimo, No. 2,955, I have the honor to state that the value of the produce was determined by estimate only. The rate per candy was that at which the grain was actually sold on the spot, at the time of threshing.
2. A Memorandum showing the details of the expenses is herewith.

2. A Memorandum showing the details of the expenses is herewith submitted. There are a few other charges, i. e., the expenses for guarding and taking the grain home, which are the same both for dry and wet crops.

3. The crop was not purchased for Government. The reaping and threshing were made by the Ryot at his own cost.

ENCLOSURE No. 1.

Memorandum of charges incurred on 10 Acres of land, of which the produce was examined for experiment.

ITEMS. .	Particulars of charges.	AMOUNT OF CHARGES.											
		REPAALLY TALOOK.				GUDIVADA TALOOK.							
		Dry, Sandy or Garuvu in Sandole.		Wet, Sandy or Garuvu in Siripudi.		Dry Clay or Regur in Gudivada.		Wet Clay or Regur in Gudivada.					
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Charges incur- red for culti- vation.	For manuring	15	0	0	18	0	0	25	0	0	13	0	0
	For ploughing and moisten- ing	4	0	0	6	0	0	2	8	0	5	8	0
	Value of seed	15	...	...	15	0	0	25	...	...	12	8	0
	Taking up the plants and transplanting the same ...	...	...	...	...	...	...	...	...	...	...	...	...
	Weeding	34	0	0	39	0	0	62	8	0	33	0	0
Do, do. after the crop came to ma- turity.	Total	12	0	0	10	0	0	10	0	0	7	8	0
	For reaping and stacking the produce	2	0	0	5	0	0	2	8	0	5	8	0
	For thrashing, &c... ..	14	0	0	15	0	0	12	8	0	13	0	0
	Grand Total	48	0	0	54	0	0	75	0	0	46	0	0
Expenses for guarding and taking grain home.	...	12	0	0	12	0	0	12	0	0	12	0	0
	...	60	0	0	66	0	0	87	0	0	58	0	0

MASULIPATAM, 26th June 1863.

MASULIPATAM, 26th June 1863.

(Signed) E. B. FOORD, *Acting Collector.*

1. Resolved that the foregoing papers be submitted for the information of Government, with reference to their Proceedings, dated 18th August 1862, No. 1,752.
2. In connection with the question...

2. In connection with the question as to the rate of water cess in Kurnool, Government directed in the above Order that experiments should be made in that and other Districts in which the question of the value of the water supplied arises, for testing the actual produce of land under different classes of wet and dry cultivation. In Kurnool however the experiment was not actually made for reasons stated in the Collector's letter submitted to Government with the Board's Proceedings, dated 21st March 1863, but the Acting Collectors of the Godavery and Kistna Districts, to whom also the Government Order under reference was communicated, have reported in their letters above recorded, the results of the experiment as made in their respective Districts, and these are shown in the subjoined abstract:—

*Proceedings of the Madras Government, Revenue Department,
3rd October 1864.*

Description of land.	Character of Soil.	Name of Crop.	Survey Extent.	Quantity of produce.	Value of produce.	Deduct expenses of cultivation	Remainder.	Deduct assessment.	Remaining profit.
1	2	3	4	5	6	7	8	9	10
<i>Dry.</i>									
Godavary ...	Lowest kind...	Jonna ...	11 0	0 102 2	33 7 0	18 12 0	19 11 0	19 3 0	0 8 0
Kistna ...	Garavu or sandy	Black Paddy...	10 0	0 291 6	90 0 0	48 0 0	42 0 0	10 0 0	32 0 0
<i>Wet.</i>	Regada or clay...	Do. ...	10 0	1 361 3	209 0 0	75 0 0	134 0 0	9 0 0	125 0 0
Godavary ...	First sort ...	...	2 27	0 255 0	66 4 10	13 0 0	53 4 10	15 0 6	38 4 4
	Middle sort ...	...	5 27	1 66 8	121 10 8	30 0 0	91 10 8	38 0 0	53 10 8
	Lowest kind ...	...	3 64	0 280 8	72 12 8	20 0 0	52 12 8	27 9 2	25 3 6
Kistna... ..	Garavu or sandy	White paddy...	11 18	2 201 8	260 12 2	63 0 0	197 12 2	80 9 8	117 2 6
	Regada or clay ...	Do. ...	10 0	2 9 4	259 0 0	54 0 0	205 0 0	70 0 0	135 0 0
			10 0	3 62 3	379 0 0	46 0 0	333 0 0	46 0 0	287 0 0

Particulars of Column 7.

DETAILS OF COST.	GODAVERY.		KISTNA.	
	RAPULLY TALOOK		GUDIVADA TALOOK.	
	Dry.	Wet.	Dry.	Wet.
1. For ploughing the field	RS. A. P. 6 12 0	RS. A. P. 16 12 0	RS. A. P. 15 0 0	RS. A. P. 18 0 0
2. Value of seed	1 14 0	6 4 0	4 0 0	6 0 0
3. Watching	3 2 0	...	...	...
4. Threshing	2 6 0	6 6 0	2 0 0	5 0 0
5. Reaping and stacking the produce, &c.	4 10 0	13 10 0	12 0 0	10 0 0
6. Manuring	...	1 10 0	...	...
7. Taking up the plants and transplanting the same	...	13 12 0	...	15 0 0
8. Weeding	...	4 10 0	15 0 0	...
	18 12 0	63 0 0	48 0 0	54 0 0
9. Expenses for guarding and taking grain home	...	...	12 0 0	12 0 0
	18 12 0	63 0 0	60 0 0	66 0 0
	Total...		75 0 0	46 0 0
	Grand Total...		12 0 0	12 0 0
			87 0 0	58 0 0

*Proceedings of the Madras Government, Revenue Department,
3rd October 1864.*

3. It will be observed that in the Kistna District, black Paddy was taken for the experiment on dry crops instead of Jonna in consequence of the latter crop having failed entirely this year, and this failure doubtless accounts for the great disparity in the returns of dry cultivation in this District compared with the returns in the adjoining Godavery District. In this latter District Jonna cultivation on 11 acres of land was taken for the purpose of the experiment, and resulted in a profit of only 8 Annas, after deducting the supposed expenses of cultivation; while in the Kistna District, the cultivation of black Paddy on an area of only 10 acres gave a similar profit of Rupees 32 on Garavu or sandy soil, and Rupees 125 on Regada or clay. It will be observed also that the profits obtained from the two descriptions of soil in the Kistna District differ materially, the inferior sandy soil yielding a profit of a little more than one-fourth of the return from the Regada or clay, and that the profits from the two descriptions of lands cultivated with wet crops do not rise in the same proportion, being Rupees 135 on the inferior soil, and Rupees 287 on the Regada. The Board note this circumstance as exemplifying the difficulty of ascertaining even with an approximation to accuracy the value of the land estimated by the apparent net returns. The actual cost of raising the produce cannot be ascertained with any approach to accuracy, and therefore any calculations based on such data as to the profits on capital expended on the land, or as to the rent value of land, or both equally uncertain. With reference however to the produce valuations the Board hope that the returns may be relied on for the one year in which the experiments were made.

4. In regard to the experiment made in the Kistna District, the Acting Collector reports that the Tahsildar's figures ought to be reduced to ensure a fair average for all kinds of lands, and he has accordingly entered, in a separate column in the Statement sent by him, what he considers may be assumed as an average yield, but the Board have adopted the results reported by the Tahsildar which were obtained by actual experiment on the spot.

5. The cultivation expenses, it will be observed, vary materially in the two Districts, and as they depend on various local causes, such as scarcity or abundance of labour, &c., they must necessarily differ in different localities. The item "Expenses for guarding and taking grain home" has been estimated by the Acting Collector of the Kistna District at Rupees 12, but he has not included this item with the total cost entered in column 7, possibly considering that it did not properly form a portion of the cultivation charges.

No. 22.

ORDER THEREON, 3rd October 1864, No. 1,822.

Miscellaneous.

Order to be recorded.

(True Extract.)

(Signed) C. G. WALKER,

Deputy Secretary to Government.

To the Board of Revenue.

Exd. S. T. Augustin.

No. 2,955.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 19th May 1863.

Read the following letter from E. B. FOORD, Esq., Acting Collector of the Kistna District, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated Masulipatam, 16th April 1863, No. 78:—

1. With reference to the Proceedings of Government dated 18th August last, No. 1,752, communicated by the Board on the 23rd idem, I have the honor to report, that the experiments of crops ordered by Government were made in the Delta Taluks of Repalli and Gudivada, situated on either side of the Kistna river. Due care was taken to prevent thefts or other irregularities on the part of the Ryots; but the Tahsildar of Gudivada evidently selected the best lands in the village, both for the dry and wet crops, and consequently some reductions in the quantity of produce should be made to fix a fair average.

2. The experiments of both dry and Nunjah crops were made in Garuvu (sandy) lands in Repalli Taluk, and in Regur (clay) lands in Gudivada Taluk, and the results as sent up by the Tahsildars, are noted in the margin, inclusive of the Ryot's share.

		Whole quantity yielded in 10 Acres.			Value.
		C.	F.	S.	
Repalli...	{ Dry..	3	12	45	90
	{ Wet..	10	2	18	239
Gudivada...	{ Dry..	9	10	16	299
	{ Wet..	15	15	28	379

3. In both Taluks, black paddy was taken for the experiment of dry crops, as Jonna entirely failed this year.

4. A detailed Statement of the produce, &c., is herewith submitted.

5. In my opinion, the Tahsildar's figures ought to be reduced, to ensure a fair average for all kinds of lands; and I have accordingly entered in the accompanying Statement, a separate column to show my own opinion in the matter.

6. The charges incurred by, and profit accruing to the Ryots, are also shown in the Statement.

ENCLOSURE No. 1.

Statement showing the produce, its value, &c., on 10 Acres of land, prepared agreeably to the Board's Proceedings dated 23rd August 1862.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Taluk.	Villages.	Description of the soil.	Number of the field.	Extent of land.	Rate of Cist per acre.	Description of produce.	AS PER TAHSILDAR'S RETURN.	Rate of produce per acre.	Price per candy.	Value of the whole produce.	Rate of produce per acre.	Value of produce compared with column 11.	Cultivation expenses as stated by the Tahsildar.	Cist payable to the Circar.	Profit remaining on 10 acres.
				A. G.	RS. A. P.		PS. T. S.	P. T.	RS.	RS.	P. T.		RS. A. P.	RS. A. P.	RS. A. P.
Repally	Chandole.	Garuvu Dry	1,594	6 7	1 0 0	Black Paddy	3 7 13		25½	86	0 7	90†	48 0 0	10 0 0	32 0 0
			1,826	3 83			0 5 32		16	4					
				10 0			3 12 45	0 7	25	90					
			250	10 0		White Paddy	10 2 18	1 0	25½	259	0 15	191†	54 0 0	70 0 0	67 0 0
Gudivada	Sirepudy.	Garuvu Wet	4	1 38	0 15 1	Black Paddy	9 10 16	1 0	22	209	0 10†	110	75 0 0	9 0 0	23 0 0
			5	4 28											
			7	3 14											
				10 0											
Gudivada	Rerada Dry	Rerada Wet	223	4 37	4 9 2	White Paddy	15 15 28	1 12	24	379	1 0	210	46 0 0	16 0 0	148 0 0
			224	5 3											
				10 0											

† ‡ Both for the Dry and Wet crops : sandy lands are considered inferior.

* 45 Seers = 1 Toom.

20 Tooms = 1 Putty or Candy.

(Signed) L. E. FOORD, Acting Collector.

1. The Acting Collector will please to furnish fuller details of the experiment.

2. The Board desire to know how the value of the produce was determined, whether by actual sale, or by estimate; and if the latter, whether the rate per candy was that at which actual transactions occurred *on the spot*. The details of the expenses should also be given, and it should be explained whether all charges of every description on the land are included; and if not, whether the excluded charges correspond exactly on both wet and dry land.

3. The Board will also state whether the crop on the ground was purchased for Government, reaped and thrashed at the cost of the buyer, and eventually sold; and if so, what expense was incurred.

(True Copies and Extract.)

(Signed) W. HUDLESTON,
Secretary.

To E. B. Foord, Esq., Acting Collector of the Kistna District.

Exc. J. Wright.

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No. 3,741.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 22nd June 1863.

Read the following letter from H. MORRIS, Esq., Acting Collector of the Godavery District, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated Cocanada, 3rd June 1863, No. 129 :—

1. With reference to the Proceedings of Government dated the 18th August 1862, forwarded with the Board's Orders of the 23rd idem, I have the honor to forward a Statement showing the result of an experiment made by my predecessor in accordance with the wishes of Government.
2. The villages selected were Paina and Alamur in the Taluk of Ramachendrapur in the Delta, the crops being reaped and thrashed under the superintendence of the Tahsildar.
3. The accompanying Statement exhibits the extent of land, the quantity of produce, the value according to the current rate, and the profit, after deducting the costs and the assessment.
4. It will be observed that there is a profit of Rupees 117 on the wet land irrigated by anicut water, while there is no profit at all from the same extent of dry land which had never been irrigated.

*Enclosed No. 2 in the O.A.
Letters of the 23rd of June 63
Secretary to Govt. 67th. 9th
8 March 1864 No. 1440.*

1863. Department.

Recd 664/84

No.

PROCEEDINGS OF THE BOARD OF REVENUE.

Dated 19th May 1863.

No. 2,963.

Requesting fuller details of the experiments made of the crops in the Delta Taluks.

ENCLOSURE No. 1.

Statement showing the result of an experiment made in accordance with the Proceedings of Government, dated 18th August 1862.

Names of the villages.	Description of land.	Survey extent.	Quantity of produce yielded.		Price per Madras garce.	Amount.	Deduct cost.	Remaining.	Deduct assessment.	Remaining.	Nature of crop.	Remarks.
			M.	M. P.								
Paina... ..	Dry converted into wet.	2 27	0 255 0	104	66 4 10	13 0 0	53 4 10	15 0 6	38 4 4	38 4 4	First sort.	
		5 27	1 66 8		121 10 8	30 0 0	91 10 8	38 0 0	53 10 8	12 10 0	Middle sort.	
		1 83	0 146 8		38 2 0	11 8 0	26 10 0	14 0 0	12 10 0	12 10 0	Lowest kind.	
		1 81	0 133 4		34 10 8	8 8 0	26 2 8	13 9 2	12 10 0	12 10 0	Do.	
Alamur... ..	Dry Jonna... ..	11 18	2 201 8		260 12 2	63 0 0	197 12 2	80 9 8	117 2 6	117 2 6	Lowest kind.	
		2 60	0 15 0	150	5 10 0	3 8 0	2 2 0	8 3 0			Do.	
		4 21	0 25 6		9 11 0	6 0 0	3 11 0	4 0 0			Do.	
		4 19	0 61 8		23 2 0	9 4 0	13 14 0	7 0 0			Do.	
		11 0	0 102 2		38 7 0	18 12 0	19 11 0	19 3 0				

(Signed) H. MORRIS,
Acting Collector.

COCANADA,
3rd June 1863.

COCANADA,
3rd June 1863.(Signed) H. MORRIS,
Acting Collector.

1. The Acting Collector will be called on for more full explanation of the method by which the results shown in the Statement are obtained. The details of the column headed "Deduct cost" should be given.

2. It would appear from the Statement that the net profit to the holders of the 11 acres of dry land was only half a Rupee, and that in two cases out of three there was an absolute loss.

3. The Acting Collector will be furnished with copy of the Board's Proceedings dated 19th May 1863, No. 2,955, on the Kistna report, and in his reply he will furnish all the information therein called for from Mr. Foord, in regard to the lands under experiment in the Godavery District.

(True Copies and Extract.)

(Signed) W. HUDLESTON,
Secretary.

To H. Morris, Esq., Acting Collector of the Godavery District,
with copy of Board's Proceedings 19th May 1863, No. 2,955.

Exd. J. Tullock.

Govt. Department
Office of the Secretary