

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2275

Press
Mrs.

477.478

Dated

20 - 5 - 1867.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
30th September 1867.*

No. 477. Read the following Proceedings of the Board of Revenue, dated 18th September 1867, No. 5,977.

Read the following letter from the Collector of Madura, to the Acting Secretary to the Board of Revenue, dated 2nd August 1867, No. 206 :—

1. I have the honor to submit my report on the result of the experimental cultivation of the Carolina paddy.

2. The seed supplied to Mr. Levinge was distributed among eight persons, to whom copies of the report of the Sub-Collector of the South Arcot District, recorded in the Board's Proceedings, No. 531, dated 23rd January 1866, describing the mode of culture adopted by him were supplied for their guidance.

3. In two of the eight cases, the experiment proved a total failure, which I think is partly due to the want of interest taken by the cultivators, and partly to the unfavorable character of the past season. Of the remaining six persons, one has not as yet furnished his report as to the result of the experiment of the paddy supplied to him, though he was repeatedly desired to do so.

4. Mr. James Fischer, the Manager of the Shivagunga estate, is one of the parties to whom the seed was supplied. His interesting report on the result of his experiment has been already submitted to the Board, through the lessee of the estate, and is recorded in their Proceedings, No. 3,198, dated 23rd May 1867.

5. A statement shewing the result of cultivation of the paddy in the remaining four cases is enclosed.

6. In all these cases the seed was tried on soils of superior descriptions, and the lands on which the crops were raised were prepared and manured in the same manner as for the culture of the country paddy. In some cases the seed was sown broadcast, while in others the seedlings were transplanted from the seed beds. The latter mode of cultivation is generally adopted in this district as regards the country paddy.

7. The seed was in this case first steeped in water, but did not germinate until the fifth day when it was sown broadcast. On the day it was sown, the seed was exposed to heavy rain, but fortunately not much damaged. The plants were half a foot high on the 30th November 1866, and three feet five inches on the 29th December. The crops were all on the 12th January 1867 in ear, and the stalk was then four feet and three inches high. The size of the grain harvested is larger than the original seed sown.

8. The seed was without being steeped in water sown on the 27th July 1867. On the 20th August the seedlings grew half a foot high and looked quite green and healthy, but the plants withered away from want of water, there being neither rain nor water in the tank. Rain, however, fell subsequent to the 24th September,

Statement shewing the result of the culture of the Carolina paddy in the District of Madura.

Talook.	Village.	Name of Cultivator.	Amount sown.		Soil.	Date of sowing.	Broadcast or in beds.	If transplanted, date.	Area occupied by crop.			When cut.	Outturn.
			Lbs.	Madras Seers.					Acres.	Gun- tals.	Sq. feet.		
1	2	3	4	5	6	7	8	9	10			11	12
Madura.	Mullipal- lum.	Scobbier ...	1	7	2½ Karisel, 1st sort.	17th Oct. 1866.	Broadcast.		...	3	333	14th Feb. 1867.	Madras Measures. 60
	Sholavan- dan.	Kistnair ...	2	3½	1½ Sevel, 1st sort.	27th July 1866.	Do.		...	...	144	Jan. 1867.	3
	Manadi- mangalam.	A in 2	3½	3½	1½ Manel, 3rd sort.	18th Sept. 1866.	In beds.	10th October 1866.	...	...	864	10th Feb. 1867.	3½
		Mootia Pillai, Curnum.	3	7	2½ Karisel, 1st sort.	1st Sept. 1866.	In beds.	20th October 1866.	...	6	646	15th March 1867.	6½
		Mokyed Shaw...	4	7	2½ Do.	15th Sept. 1866.	In beds.	15th October 1866.	...	3	333	15th March 1867.	42
	Keelama- thur.	Surgooroo ...	12½	4½	Do.	15th Sept. 1866.	In beds.	15th October 1866.	...	3	333	15th March 1867.	26

(Signed) D. ARBUTHNOTT,
Collector.

*Proceedings of the Madras Government, Revenue Department,
30th September 1867.*

and fresh shoots sprung up from the roots. The crops were on the 15th December found three feet and six inches high. The ears did not contain many grains, but this was to be expected.

9. On the 8th September 1868 the seed was as in case No. 2 sown, but did not germinate until the 15th. Owing to the failure of water in the tank, the

A. in No. 2.

land was irrigated by means of water raised from the channel adjacent to it; but the seedlings shewed signs of fading. The want of rain till the 24th September checked the growth of the plants, which were four and a half inches high on the 10th October. With much difficulty the plants were removed and transplanted. On the 15th December 1868 the height of the crop was two feet. The ears were very poor.

10. The seed was first steeped in water, and did not germinate until the fourth day. It was then sown on 1st

No. 3.

September, and began to shoot up twelve days after. The seedlings were transplanted on the 20th October. The plants were one and a half feet high at the close of November, and were in December attacked with disease called "Thandiect." The height of the crops ranged in the months of January and February $2\frac{1}{2}$ and $3\frac{1}{2}$ feet respectively.

11. The report furnished by this person does not shew such particulars as have been given by the other ryots with regard to their experiments.

No. 4.

12. The stalks of Carolina paddy are reported to be much stronger than those of common paddy, and it is not so easily separated from the ears. Many ryots having expressed a great desire to cultivate this paddy, I have directed the seed in hand to be distributed to such of the ryots as are anxious to give it a fair trial.

13. The result of the experiment of this paddy in so disastrous a season as the past one appears on the whole satisfactory.

14. The ryots who cultivated this paddy express their conviction that the yield will be greater than country paddy, if tried in a favorable season.

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1. Ordered that the foregoing letter be submitted for the information of Government.
2. The Board agree with the Collector that the unfavorable character of the season prevented the experiment from having a fair trial.
3. The ryots to whom the Collector proposes to distribute the seed in hand for further trial, should be required to report the results in due course for the information of the Board and Government.

No. 478. ORDER THEREON, 30th September 1867, No. 2,275.

Miscellaneous.

Ordered to be recorded.

(True Extract.)

(Signed) F. H. WILKINSON,

Acting Under Secretary to Government.

To the Board of Revenue.

*Report to Council
28 November 67*

3
Revenue 1867. Department.
No of Court for Info.
No 2536

PROCEEDINGS OF THE BOARD OF REVENUE.

Dated 18th September 1867.

Secy 23 - 1867
Recd 24

No 5,977.

Submitting for information of Government a letter from the Collector of Madura reporting on the result of the experimental cultivation of the Carolina paddy, and agreeing with the Collector that the unfavorable character of the season prevented the experiment from having a fair trial.

No. 2,275-478

25 Sept 1867

2275
24
30 Sept 1867