

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2413

Press
Mis.

37a-371

Dated 25th August 1869

Not to be folded or roughly handled

21/13

8-38

Government Experimental
Farm.

Lydaset

August 7 1869

To the, Honorary Secretary
Government Experimental Farm

Sir,

1. I had the honor to receive
a copy of the Proceedings of Government
No 2139, dated the 22nd of July 1869; and
now proceed, to offer some observations
on the Results of the Paddy Experiments,
therein detailed.

2. Referring to Enclosure No 1. In
the Column headed "Cost of Cultivation"
it should have been stated, whether
all charges, such as seeding, watering,
harvesting &c, were included.

3. It is stated, that in Pinwell
Island, a crop of acclimated Cordina
Paddy Seed, only took 3 months and

The results of the experiments
 conducted in the laboratory
 with the straw, and only 60 lbs
 of straw, this, the say the least, is
 a most extraordinary result.
 In Enclosure No 1, from the
 Acting Head Assistant Collector, of it
 is stated, in paragraph 4, "that
 they all agree, in reporting decided
 ill-means in cultivating Carolina
 variety". If reference is made to
 the Table, in which these Results
 are tabulated, a remarkable uni-
 formity in results, will be observed,
 indeed if correctly reported, the
 experimenters have arrived at a
 state of perfection, quite unknown
 amongst European Agricultural
 Experimenters. The first three
 Experiments, recorded in this
 Table, give the following results:-

62½ lbs of straw, while the latter
 actually records, that he obtained
 35½ lbs of straw, and, only 60 lbs
 of straw, this, the say the least, is
 a most extraordinary result.
 5. In Enclosure No 1, from the
 Acting Head Assistant Collector, of it
 is stated, in paragraph 4, "that
 they all agree, in reporting decided
 ill-means in cultivating Carolina
 variety". If reference is made to
 the Table, in which these Results
 are tabulated, a remarkable uni-
 formity in results, will be observed,
 indeed if correctly reported, the
 experimenters have arrived at a
 state of perfection, quite unknown
 amongst European Agricultural
 Experimenters. The first three
 Experiments, recorded in this
 Table, give the following results:-

1966, May 22

7. In Brinchnopolis, transplanted and broadcast down crops are alike injured by disease. As no description of the disease is given, I can offer no opinion as to its cause.

it came
I can offer an opinion as to
descriptive of the disease in general,
and the various stages of disease. All are
and good can be made, and
the scientific, thoroughly
as not to be lost. It is the matter
have been advised of as to whether
possibly some conclusion could
be reached.

18.

Said Sept 9th August 1869.

Ed.

The As. Secretary to Govt.
Revenue Department,
Fort St. George.

See D

With reference para 4 of the
Order of Govt dated 17th June 1869 No. 1728.
I have the honor to forward the Finner
Superintendents' report upon the Caroline
Field's experiments in 'Hemlock', 'South
West', 'Lalau' & 'Tschinopolz' Districts as
received with Proceedings of Govt No. 2189
of 22nd July 1869.

I have the honor to be

Li

Yours most obedient servant

Arthur King

By Hon^{ble} Sec^y Genl. Larn.

Proceedings of the Madras Government, Revenue Department.
25th August 1869.

No. 370. Read the following letter from the Acting Honorary Secretary Government Farm, to the Acting Secretary to Government, Revenue Department, Fort Saint George, dated Sydapet, 9th August 1869, No. 38:—

With reference to paragraph 4 of the order of Government, dated 17th June 1869, No. 1,720, I have the honour to forward the Farm Superintendent's report upon the Carolina paddy experiments in "Kurnool," "South Arcot," "Salem," and "Trichinopoly" Districts, as received with Proceedings of Government, No. 2,139, of 22nd July 1869.

From Mr. W. R. ROBERTSON, Superintendent, Sydapet Farm, to the Acting Honorary Secretary, Government Experimental Farm, dated Sydapet, 7th August 1869.

I had the honour to receive a copy of the Proceedings of Government, No. 2,139, dated the 22nd of July 1869, and now proceed to offer some observations on the results of the paddy experiments therein detailed.

2. Referring to enclosure No. 1 in the column headed "Cost of cultivation," it should have been stated whether all charges, such as seedling, watering, harvesting, etc., were included.

3. It is stated that in Sirwell Talook a crop of acclimatised Carolina paddy seed only took three months and thirteen days to reach maturity, while in the Paticondah Talook two plots sown with imported Carolina paddy seed, required in the one case five months and six days, and in the other four months and fifteen days in coming to maturity. No conclusions can be founded on these results. The records are silent regarding the details of the practice followed. Possibly, with these details before us, we could trace out the influences which have brought about these different results. Much depends on management, the application of water and manure, the character of the soil, etc.

4. Two experimenters, Mari Reddy and Budi Reddy, have obtained rather unusual results: the former states that his crop yielded 126 lbs. of grain, and only 62½ lbs. of straw; while the latter actually records that he obtained 351½ lbs. of grain, and only 60 lbs. of straw; this, to say the least, is a most extraordinary result.

5. In enclosure No. 1, from the Acting Head-Assistant-Collector, it is stated in paragraph 4, "that they all agree in reporting decided ill-success in cultivating Carolina paddy." If reference is made to the table in which these results are tabulated, a remarkable uniformity in results will be observed; indeed, if correctly reported, the experimenters have arrived at a state of perfection, quite unknown amongst European agricultural experimenters. The first three experiments recorded in this table, give the following results:—

	Carolina paddy, lbs.	Country paddy, lbs.
Gani Venkatasam	55½	108½
Yakub Khan	2½	5
Semtika Rami Reddy	15	20

6. Had the experimenter in the Oosoor Talook recorded something of the sort of weather experienced during the growth of his crop, possibly some conclusions could have been arrived at, as to whether or not "he had hit off the proper season for sowing."

7. In Trichinopoly, transplanted and broadcast sown crops were alike injured by disease. As no description of the disease is given, I can offer no opinion as to its cause.

8. Had the seed been distributed amongst five or six trustworthy ryots, and the crops been cultivated under the inspection of a competent person who would have periodically visited the crops, and recorded his observations at different stages of growth, more valuable data would have been collected than all these mass of results afford.

25th Aug 1869

25-8-69

17 June 1869
22 July 1869

Revenue 1869

7-2-69

From
The Secy. to Govt.

From

Dated 9-8-69 and 10-8-69

6-1-69 No. 38.

Forwarding the

from Secy. to Govt.

upon the Carolina Paddy

experiments in the

South Arcot & Trichinopoly

district.

See also 25 Aug 1869

370

of
Mining

*Proceedings of the Madras Government, Revenue Department,
25th August 1869.*

No. 371. ORDER THEREON, 25th August 1869, No. 2,413.

Miscellaneous.

COMMUNICATED to the Board of
Revenue.

2. The Government observe that no appreciable benefit can result from experiments with Carolina maize, unless the nature of the soil, the season of sowing, the method of cultivation, and notably the periods at which the land was irrigated, are more fully reported on in each instance. Where enterprising and intelligent ryots are not to be found, the experiments should be conducted near the head-quarters of a district or talook, so that the Collector or one of his subordinate officers may be in a position to offer an opinion on the causes of success or of failure.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Board of Revenue.
.. the Acting Honorary Secretary, Government Farm.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 25th August 1867.

Received the following letter
from the Honorary Secretary
Government of Madras.

Forwarding the same to the
intendant's report upon the Carolina
paddy experiments in Kurnool, Co.
South Arcot, Salem, and Trichinopoly
Districts.

(H.C. 9th August 1867, No. 38.)

1. Communicated to the
Board of Revenue.

2. The Government ob-
serve that no appreciable be-
nefit can result from
experiments with Carolina
paddy unless the nature
of the soil, the season of
sowing.

Reported to England
9/11/68 No 60 of 1869

Oct. 11 1869

REVENUE.

THE BOARD OF REVENUE.

Co. Co. Co.

Field No. 200

Recd.

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AUGUST.

No. 370-371.

Copy of the Report of the
intendant's report upon the Carolina
paddy experiments in Kurnool, Co.
South Arcot, Salem, and Trichinopoly
Districts.

1/69

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16 Feb 1895
 6 - Mr. J. B. P. Desai, Secy. (1)

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