

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1473	Press Mis
79.80	
Dated	8. 8 - 191863

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
3th August 1863.*

No. 79. Read the following Proceedings of the Board of Revenue, dated 29th July 1863,
No. 4,723 :—

Read the following letter from the Honorable R. S. ELLIS, c. B., Collector of Madras, to W.
HUDLESTON, Esq., Secretary to the Board of Revenue, dated Pandavakum,
16th July 1863, No. 258.

SIR,

1. With reference to the Board's Proceedings, No. 6,393 of the 24th September 1862,

Mr. Hooper, the late Acting Sub-Collector.
Mr. R. P. Campbell, Police Magistrate, Vepery.
Mr. Nicholas, of the Revenue Settlement.
Mr. Fitzgerald, of the late Presidency District Engineers
Office.
Rajarathnam Nayudu, Zemindar of Vengul.

I have the honor to inform you that the Peruvian Cotton seeds therewith received, as well as those subsequently forwarded by the Board were distributed by Mr. Cunliffe to the gentlemen noted in the margin.

2. Mr. Hooper gave a portion of the seed for cultivation to Dr. Shortt, the Zillah Surgeon at Chingleput, copy of whose interesting report on the state and progress of the plants grown by him is herein enclosed for the Board's information, together with the two pods forwarded by him.

3. When reports are received from the other gentlemen to whom the seeds were distributed I shall duly communicate them to the Board.

ENCLOSURE. No. 1.

From J. SHORTT, Esq., M. D., Zillah Surgeon, Chingleput, to the Honorable R. S. ELLIS, c. B.,
Collector of Madras, dated 6th July 1863.

SIR,

1. I have the honor to submit the following report on the cultivation of the Peruvian Cotton seeds at Chingleput, these seeds were given to me by W. S. Hooper, Esq., the then Officiating Sub-Collector.

2. Subsequently some seeds were sent to me direct by the Secretary to the Revenue Board: these I have also put down; but this report applies in particular to the seeds received from Mr. Hooper.

3. The land selected for the purpose was a spot immediately in front of the Civil Dispensary here, the soil was in some parts gravelly, and in others a sandy loam, and one part of it on the east was slightly protected by a four feet wall, which forms the boundary of the original compound of the Dispensary, and on the north by an avenue of Banyan trees, being the entrance to the Civil Dispensary.

4. The ground had lain fallow for many years when it was ploughed up, and the seeds were put down at 4 p. m. on the 6th of November 1863 by Mr. Hooper himself, in straight parallel lines running north and south, and the seeds were sown at the distance of six feet apart either way; from two to three seeds were placed in each hole.

5. Every one of the seeds put down germinated between the 9th and 11th of November, and on the 20th had attained four inches in height. The seedlings were healthy and vigorous, excepting those in the line next the boundary wall of the Dispensary which appeared sick and feeble.

6. The plants continued to thrive, and stood the heat of the weather extremely well, they were not watered, and received no other care beyond keeping their vicinity free of weeds.

7. About the middle of March 1863, the plants had attained between two and three feet in height, were extremely vigorous, and shrubby, and some of the more advanced began to push out flowers, and in the April following a few only of the flowers appeared to have fructified; the greater part were cast away in an immature state, and others were thrown down by a shower of rain that fell about this time, and the only two pods that ripened their wool I beg herewith to submit for your inspection, of these No. 1 is a fully formed pod, whereas No. 2 seems to have ripened rather precociously during the month of May.

*Proceedings of the Madras Government, Revenue Department,
8th August, 1863.*

8. There are about one hundred plants, and they are now between $3\frac{1}{2}$ and $4\frac{1}{2}$ feet in height, extremely shrubby, and with few exceptions appearing remarkably healthy, some one or two are now giving indications of flowering again. The plants are to all appearance, even to the colour, and size of the flowers, identical with the Brazil or *Gossypium Peruvianum*. The only difference I can yet trace is in the form of the pod and seed.

9. In the seeds of the plants under consideration the pods are more ovoid, in this respect closely resembling the Egyptian Cotton in their form, whereas in the Brazil, the pods are long and acuminate. The seeds resemble the Brazil, except in the absence of the adhesion so characteristic of the Brazil or Pernambuco Cotton, and even the resemblance of the wool is identical.

10. Under these circumstances, I cannot divest my mind of the idea that these plants are identical with the Brazil; the ovoid form of the pod, and want of adhesion of the seed might arise, I think, in the difference of locality, soil and climate, in which these plants have been grown.

11. The character given by Mr. Markham of these plants is quite in keeping with that of the Brazil Cotton, for that plant grows into a tree, and does not produce fully till the second and third year when it forms quite a tree, the best example of this plant is the largest tree I ever saw growing in a garden at Mooniappen's Choultry on the Eastern Coast, and these plants for the most part require water, which accounts for its success in betel gardens. But as Mr. Markham in his Memorandum, forwarded with the Proceedings of the Revenue Board, under date the 28th April 1863, distinctly states that it is not the Brazil, or *Gossypium Peruvianum*, or *Accuminatum*, but says it is a variety of the *Gossypium Barbadosense*, I will leave it to time to decide. I only regret that Mr. Hooper is not here to make this report, as he took a great interest in the subject of Cotton.

1. The Board are much obliged to Dr. Shortt for his report, copy of which will be submitted to Government. It will also be communicated to all the gentlemen to whom the Peruvian seed was distributed, and to the Honorary Secretary Agri-Horticultural Society.

2. The Board are disposed to think that in this experiment the seed was sown too late in the season for success in the absence of artificial irrigation, and they will look with interest for Dr. Shortt's further report on the experiment.

No. 80.

ORDER THEREON, 8th August 1863, No. 1,473.

The Board will convey the acknowledgments of Government to Dr. Shortt, whose report will be forwarded to the Home Government and laid on the Editor's table.

(True Extract.)

(Signed) J. D. SIM,
Secretary to Government.

To the Board of Revenue.
,, Editor's Table.

Ed. S. T. Augustin.

No. 4,723.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 20th July 1863.

Read the following letter from the Honorable R. S. ELLIS, C. B., Collector of Madras, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated Pandavakum, 16th July 1863, No. 258:—

1. With reference to the Board's Proceedings, No. 6,393 of the 21st September 1862, I have the honor to inform you that the Peruvian Cotton seeds therewith received, as well as those subsequently forwarded by the Board, were distributed by Mr. Cunliffe to the gentlemen noted in the margin.

Mr. Hooper, the late Acting Sub-Collector.
Mr. R. P. Campbell, Police Magistrate, Vepery.
Mr. Nicholas, of the Revenue Settlement.
Mr. Fitzgerald, of the late Presidency District Engineer's Office.
Rajarathnam Nayudu, Zemindar of Vengul.

2. Mr. Hooper gave a portion of the seed for cultivation to Dr. Shortt, the Zillah Surgeon at Chingleput, copy of whose interesting report on the state and progress of the plants grown by him is herein enclosed for the Board's information, together with the two pods forwarded by him.

3. When reports are received from the other gentlemen to whom the seeds were distributed, I shall duly communicate them to the Board.

ENCLOSURE No. 1.

From J. SHORTT, Esq., M. D., Zillah Surgeon, Chingleput, to the Honorable R. S. ELLIS, C. B., Collector of Madras, dated 6th July 1863.

1. I have the honor to submit the following report on the cultivation of the Peruvian Cotton seeds at Chingleput; these seeds were given to me by W. S. Hooper, Esq., the then Officiating Sub-Collector.

2. Subsequently some seeds were sent to me direct by the Secretary to the Revenue Board; these I have also put down; but this report applies in particular to the seeds received from Mr. Hooper.

3. The land selected for the purpose was a spot immediately in front of the Civil Dispensary here, the soil was in some parts gravelly, and in others a sandy loam, and one part of it on the east was slightly protected by a four feet wall, which forms the boundary of the original compound of the Dispensary, and on the north by an avenue of Banyan trees, being the entrance to the Civil Dispensary.

4. The ground had lain fallow for many years when it was ploughed up, and the seeds were put down at 4 P. M. on the 6th of November 1862 by Mr. Hooper himself, in straight parallel lines running north and south, and the seeds were sown at the distance of six feet apart either way; from two to three seeds were placed in each hole.

5. Every one of the seeds put down germinated between the 9th and 11th of November, and on the 20th had attained four inches in height. The seedlings were healthy and vigorous, excepting those in the line next the boundary wall of the Dispensary which appeared sick and feeble.

6. The plants continued to thrive, and stood the heat of the weather extremely well; they were not watered, and received no other care beyond keeping their vicinity free of weeds.

7. About the middle of March 1863, the plants had attained between two and three feet in height, were extremely vigorous, and shrubby, and some of the more advanced began to push out flowers, and in the April following a few only of the flowers appeared to have fructified; the greater part were cast away in an immature state, and others were thrown down by a shower of rain that fell about this time, and the only two pods that ripened their wool I beg herewith to submit for your inspection, of these No. 1 is a fully formed pod, whereas No. 2 seems to have ripened rather precociously during the month of May.

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(True Copy.)

(Signed) R. S. ELLIS, C. B., Collector.

1. The Board are much obliged to Dr. Shortt for his report, copy of which will be submitted to Government. It will also be communicated to all the gentlemen to whom the Peruvian seed was distributed, and to the Honorary Secretary Agri-Horticultural Society.

2. The Board are disposed to think that in this experiment the seed was sown too late in the season for success in the absence of artificial irrigation, and they will look with interest for Dr. Shortt's further report on the experiment.

(True Copies and Extract.)

(Signed) W. HUDLESTON,

Secretary.

(True Copy.)

W. Shortt
First Assistant.

To J. D. Sim, Esq., Secretary to Government, R. D., with the sample.

Copy to P. Grant, Esq., Collector of Coimbatore.

" to Honorable D. Arbuthnot, Collector of Salem.

" to J. Silver, Esq., Collector of Tinnevely.

" to V. H. Levinge, Esq., Collector of Madura.

" to H. G. Smith, Esq., Acting Collector of Cuddapah.

" to A. Wedderburn, Esq., Acting Collector of Bellary.

" to Honorable R. S. Ellis, C. B., Collector of Madras.

" to C. W. Reade, Esq., Collector of South Arcot.

" to J. Fraser, Esq., Acting Collector of North Arcot.

" to J. W. B. Dykes, Esq., Collector of Nellore.

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

" to J. I. Minchin, Esq., Collector of Kurnool.

" to Mr. Fischer.

" to J. Shott, Esq., M. D.

" to Rev. J. R. Macfarlane, M. A., Honorary Secretary Agri-Horticultural Society.

" to R. P. Campbell, Esq.

" to Mr. Nicholas.

" to Mr. Fitzgerald.

" to Rajarathnum Naidoo, Zemindar of Vengul.

Ed. J. Tulloch.

Copy to the Secy of Govt. - 10. Edit. Publ.

Communicating with remarks Dr. Shortt's report on the cultivation of the Peruvian Cotton.

No. 4,723.

Dated 29th July 1863.
Despatched 1st Aug 63.
Received 3rd Aug 63.
2:2 Sample.

PROCEEDINGS OF THE BOARD OF REVENUE.

No. 1815.

1863.

Department.

W. Shortt
First Assistant.

1863-64.

The Bd will convey the acknowledgments of Govt. to Dr. Shortt - when report will be forwarded to the Hon. Secy and laid on the table. - 1863-64 as per 1863.

1863-64 - 8 days
W. Shortt