Proceedings of the Madras Government, Revenue Department,
24th September 1873.

Read again G. O., dated 20th May 1873, No. 503.

Read also the following :—

No. 210. Proceedings of the Board of Revenue, dated 5th July 1873, Miscellaneous No. 4,151.

Read the following letters :—

From R. K. PUCKLE, Esq., Collector of Tinnevelly, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 9th May 1873, No. 253.

In reply to Board's Proceedings, No. 265, dated 24th February 1873, I have the honour to inform you that the Manilla tobacco-seed failed in two places, and in the two other places where it germinated the yield was so poor that the entire experiment must be pronounced a failure. The climate here is too hot, and the elevation too low for this exotic.

From G. D. LEMAN, Esq., Acting Collector, Kistna District, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Masulipatam, 11th June 1873, No. 916.

Referring to Proceedings, No. 265, dated 24th February 1873, I have the honour to report as follows.

2. The Manilla seed received was, in March 1872, distributed for purposes of experiment in the taluqs of Bapatla, Repalli, Bezwada, and Guntoor, and to the Zemindars of Nuzid and Davarakotta. The only reply that reports any success is from Guntoor. In the other cases, either the seed did not germinate, or a crop that had been promising well was destroyed by the heavy rain of October.

3. Sekur is the village in the Guntoor Taluq where the experiment was made with success. In August one tola of the seed was sown in a plot of ground, six feet square, part of an old house-site. The plot had been prepared with three baskets of manure, and for six days after sowing it was watered three times a-day, when the seedlings appeared. Till they were transplanted, which was in October following, they were watered twice a-day. The seedlings were transplanted into a field, 6 cents. in extent, which was watered once a-day till they took root. They were then left alone for fifteen days, when the ground was hoed.

4. The plant was treated in a manner exactly similar to that adopted for country tobacco; but two months after transplantation it was two yards above ground, that is, one yard higher than country tobacco usually is.

5. The tops were then broken off, and any shoots that appeared were regularly removed once a-week. In February this year the leaf was ready for plucking.

6. It was then cut with a sickle and taken to the ryot's house; and the leaves strung together were hung in the shade in festoons, that they might dry in the air. In fifteen days the leaves lost their green appearance and shrivelled.

7. The festoons were then taken down, and were put in a place out of the wind, and covered up to ferment. They were laid one upon another in one heap upon palmyra leaves, and, in order to prevent rotting, were turned over four separate times at intervals of four days. The festoons were now taken out and were laid one festoon upon another, and were covered up with palmyra leaves and

pressed down by heavy boards, etc., for two days, after which they were again put in a heap for fifteen days. This is simply the way of curing tobacco adopted here.

8. The heavy rain destroyed about half this crop; the outturn being only 31¾ seers, valued at Rs. 2-11-6. The ryot says he spent one rupee on the experiment. The Manilla leaf, says the ryot, came to maturity ten days later than country tobacco; the leaf was broader, was heavier when green, and tapered less.

9. A sample of 1¼ seer is forwarded by this day's banghy Post.

With reference to Proceedings of Government, 1st February 1872, No. 215, the Board resolve to forward to Government the reports of the Collectors of the Kistna and Tinnevelly Districts on the experimental culture of Manilla tobacco in their districts.

2. In the latter district complete failure resulted, but, in one instance, in the Kistna District, on a small plot of ground (6 cents), the crop was, although damaged by excessive rain, at the rate of 13 maunds, or 272 Rs. per acre.

3. A copy of Mr. Leman's letter is forwarded to Mr. Robertson for his information and remarks.

No. 211. Proceedings of the Board of Revenue, dated 4th July 1873, No. 1,190.

Read the following letter from A. WEDDERBURN, Esq., Collector of Coimbatore, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 6th June 1873, No. 102.

Copy of letter from Rev. Mr. Bardon, dated 19th May 1873.

With reference to Revenue Board's Proceedings, No. 265, of 24th February 1873, I have the honour to inform you that the Manilla tobacco-seed, supplied me by Government with G. O., No. 215, of 1st, and No. 320 of 20th February 1872, was distributed in six taluqs of the district, to Police Inspector Mackenzie at Collegal, and to the Roman Catholic Bishop of Coimbatore.

1. Oodumulpettah.
2. Kangayam in Dharapuram.
3. Pollachy.
4. Coimbatore.
5. Pulladum.
6. Bhowany.

2. In Oodumulpettah, Coimbatore, Pulladum, and Bhowany, the official experiment proved a failure: the seed either did not germinate, or where it germinated did not thrive. The experiment at Kangayam, conducted on 1st-class punjah land, was somewhat more successful, and sample of produce is herewith submitted. I have also received two specimens of the tobacco grown by the Roman Catholic Bishop's establishment: one from Dharapuram; and the other from Bhowany. I beg to attach a copy of a letter, dated 19th May 1873, from Rev. Mr. Bardon on the subject.

3. I personally learned from Police Inspector Mackenzie that the tobacco-seed sown on two occasions was successively destroyed by rain.

Enclosure No. 1.

From Rev. J. BARDON, to A. WEDDERBURN, Esq., Collector of Coimbatore, dated 19th May 1873.

I have the honour to send you some samples of the tobacco, the seed of which Mr. Wedderburn sent us last year.

2. One of the packets was sent by the Priest of Sinna Dharapuram; the others by the Missionary Director of the Catholic Orphanage near Bhowany. The latter was growing very well together with the country tobacco, when unfortunately the disease attacked the whole; however, the Manilla resisted best.

3. We are sorry that it did not succeed this time according to our wishes.

SUBMITTED to Government, with reference to G. O., dated 1st February 1872, No. 215.

No. 212. Proceedings of the Board of Revenue, dated 4th July 1873, No. 1,189.

Read the following letter from H. S. THOMAS, Esq., Collector of South Canara, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Mangalore, 28th May 1873, No. 771:—

IN reference to Board's Proceedings, No. 265, dated 24th February 1873, I have the honour to report on the experiments made in this district in the cultivation of Manilla Tobacco from the seeds supplied by the Board of Revenue in September 1872.

2. There are only two taluqs in this district in which tobacco is cultivated, *e. g.*, Uppinangady and Cassergode.

3. In Uppinangady the Tahsildar reports that experiment was a total failure; that made in Cassergode was, on the contrary, successful, and I have the honour to forward a specimen of the tobacco produced.

4. The seeds were sown in rather sandy soil on the 25th September 1872: on the 30th October the young plants were transplanted into a fairly-manured field; on the 25th November and on the 20th December the plants were again manured; on the 20th January 1873 a large quantity of loose earth was distributed about the roots of the plants; and they were freely watered from the beginning up to the 11th March, on which day they were cut down.

5. When the plants were transplanted they were four or five inches high. At maturity they had six or seven leaves, and were of the average height of two feet and three inches.

6. Out of 100 plants the quantity of tobacco produced was about half a maund. The Potail's brother, who made the experiment, states that the soil in which the seeds were sown is very poor, and that even the Country Tobacco does not thrive in it.

7. In 1871, Mr. Leggatt, my Treasury Deputy Collector, made an experiment with the Manilla and Havannah seeds supplied by the Horticultural Society in January of that year. The Manilla seeds germinated, but the young plants died immediately afterwards. As the experiment with the Havannah seeds was successful I take this opportunity of forwarding a specimen of the tobacco produced and to report on the mode of cultivation adopted.

8. The seeds were sown in boxes of fair ordinary garden soil about the beginning of October 1871. In a fortnight's time they germinated, and at the end of November the seedlings were transplanted to a well-manured bed. Here they were allowed to remain for about a month, when, as the plants obtained

four leaves, they were again transplanted and placed about eighteen inches from each other in pits manured with freshly burnt ashes of straw and decayed stable matter. The pits were somewhat lower than the level of the surrounding ground to admit of the retention of moisture, and the plants were watered at first, in their early growth, three times a day, and subsequently twice.

9. The flower branches and the young shoots constantly springing from the axils of the leaves were regularly pinched off, and the plants were cut down in March, when the leaves appeared sufficiently ripe.

10. The tobacco was cured in the ordinary native way. The average height of the plants at maturity was about three feet, and the number of leaves on each nine.

11. The experiment was necessarily on a small scale, on a piece of land attached to the Subsidiary Jail.

12. I beg to forward also a small quantity of indigenous tobacco called "Netti." It takes its name from Nettinige, a Magane in the Cassergode Taluq, where it is largely cultivated.

13. Europeans and natives pronounce it to be tobacco of a superior description. Should the Government Quinologist coincide in this view it will be satisfactory.

SUBMITTED for the information of Government as directed in their Proceedings, No. 320, dated 20th February 1872. The samples of produce are also forwarded.

2. The Board regret to observe that a soil was selected for the Manilla Tobacco so "poor that the Country Tobacco does not thrive in it."

3. The specimen of the indigenous "Netti" is forwarded to Mr. Broughton.

No. 213. Proceedings of the Board of Revenue, dated 2nd July 1873, No. 1,159.

Read again letter from the Collector of the Godavery District, dated 9th May 1873, No. 139, recorded in Board's Proceedings, dated 5th June 1873, Miscellaneous No. 3,403.

Read also the following letter from W. S. FOSTER, Esq., Acting Collector of the Godavery District, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Cocanada, 29th May 1873, No. 166.

IN continuation of my letter, dated 9th instant, No. 139, I have the honour to forward herewith samples* of uncured leaves of Manilla tobacco cultivated in the Yernagudem Taluq in the Head Assistant Collector's division.

* Sent by banghy.

2. A description of the mode adopted in cultivating the plant, forwarded with the Head Assistant Collector's letter, dated 21st May, No. 101, is also sent herewith.

ENCLOSURE No. 1.

Cultivation of Manilla Tobacco.

Name of Village.	Description of Land on which grown.	When sown.	When transplanted.	When cut.	When strung in a Line.	When arranged in a Heap.	What Quantity reaped.	How cultivated.
Aurangabad.	1st-class lanka land (2 cents.)	20th Nov. 1872.	January 1873.	March 1873.	March 1873.	April 1873.	2 viss.	A seed-bed was formed. The land was ploughed up six times once in three days, and well weeded. The seeds were then sown, and water sprinkled every day at two cavidies of water per day, till the plants grew. The germs sprouted in eight days from the date of sowing seeds. They grew up in about a month, but owing to heavy rains some plants died. The bed was weeded four times once in eight days. Then a piece of lanka land was ploughed eight times. Holes were made at two yards apart with an instrument called gouddalikamu (something like an adze). Water poured into these holes, and the young plants planted at two per hole, and watered for three days successively, and afterwards twice or thrice once in ten days till the plants took root. Weeds were then removed again four times once a-week, and the blossoms nipped off as they appeared. Fresh leaves that sprouted from the middle of the plants were also removed. When the leaves were sufficiently grown and turned brown, they were cut and strung on a line to dry under cover. They were then heaped and seasoned. Each plant bore six or seven leaves.

ELLORE,
21st May 1873.

(Signed) E. L. PEARSE,
Acting Head Assistant Collector.

THE report of the Collector of Godavery and the sample of produce which accompanied it are submitted to Government, with reference to their G. O., dated 1st February 1872, No. 215.

No. 214. Proceedings of the Board of Revenue, dated 4th August 1873, No. 1,491.

Read the following letter from Colonel R. BENSON, F.L.S., Honorary Secretary to the Agri-Horticultural Society, Madras, to H. E. STOKES, Esq. Acting Sub-Secretary to the Board of Revenue, dated Madras, 23rd July 1873, No. 323:—

IN accordance with G. O., 1st February 1872, No. 215, I have the honour to state, for the information of the Government of India, that the Manilla tobacco seed received germinated freely and grew luxuriantly, of which the accompanying parcel is a sample.

FORWARDED, together with the sample of tobacco forwarded by Colonel Benson, to Government, with reference to G. O., 1st February 1872, No. 215.

No. 215. Proceedings of the Board of Revenue, dated 3rd September 1873, No. 1,737.

Read the following letter from Colonel R. BENSON, F.L.S., Honorary Secretary, Agri-Horticultural Society, Madras, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 8th August 1873, No. 358:—

I HAVE the honour, by desire of the Committee of Management of the Agri-Horticultural Society's Gardens, to forward, for the information of the Government of India, in continuation of my letter, No. 323, dated 23rd July 1873, to your address, the accompanying leaf extracted from the Society's Annual Report, wherein the experiments on the different kinds of Tobacco (Manilla included) are reported upon, and the results of the trials in each district and the Society's Gardens given. From this, it will be perceived that the soil of most of the localities thus referred to is not adapted, from the absence of the necessary alkalies, to the successful cultivation of Tobacco, with one exception, namely, that of Travancore, where the result has proved better than could have been anticipated from the previous repeated failures.

2. The Committee have reason to hope that when the chemical constitution of the different soils of the Presidency are better known, the cultivation of Tobacco will prove successful; but, until this knowledge is ascertained, they would venture the decision that further experiments would prove ineffectual and fruitless; for, although the Tobacco grows freely with luxuriant foliage, the necessary component ingredient of good Tobacco are found absent on analysis.

ENCLOSURE No. 1.—Printed Extract from Annual Report.

SUBMITTED to Government, with reference to G. O., dated 1st February 1872, No. 215.

No. 216. ORDER THEREON, 24th September 1873, No. 1,035.

Miscellaneous.

Agri-Horticultural Society, Madras.
" " Ootacamund.
E. A. Campbell, Esq., Dindigul.
Board of Revenue.
Collector of Godavery.
" Trichinopoly.
" Tinnevelly.
" Coimbatore.
" South Canara.
" Malabar.

WITH G. O., No. 215, dated the 1st of February 1872, samples of Manilla tobacco-seed were forwarded direct to the Societies and gentlemen noted in the margin for experimental cultivation, with the request that they would in due course report results through the Board of Revenue.

2. The Government have now received the reports quoted above, but only the Honorary Secretary to the Madras Agri-Horticultural Society has distinctly stated that he is reporting on the seed received with the order of Government above referred to.

3. In the other reports either no mention is made of any order, or the order in question and one of a later date,* with which some tobacco-seed received from the Straits Settlements was distributed through the Board, are both quoted. The Government, therefore, desire that the Board will ascertain which supply of seed is referred to in the various reports, and will call for those not yet received.

* G. O., 20th February 1872, No. 320.

4. In the meantime, the results of the experiments, as far as they are at present known, will be reported to the Government of India.

(True Extract.)

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

To the Board of Revenue.

Exd. F. R. Bantleman.

REVENUE DEPARTMENT,
OOTACAMUND,
24th September 1873.

No. 1,036.

No. 217.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

AGRICULTURAL DEPARTMENT.

Miscellaneous.

Dated 10th Jan. 1872, No. 16.
,, 9th July 1873, ,, 258.

Procs. of Govt., 24th Sept. 1873, No. 1,035.

SIR,—In reply to the letters marginally noted, I am directed to forward the accompanying Proceedings, from which it will be seen that the Manilla tobacco seed, received with your Officiating Under-Secretary's letter, was distributed for experimental cultivation to various Societies and gentlemen, of whom some have not yet reported, while others have unfortunately failed to distinguish the results obtained with the seed in question from those obtained with some seed which was received by this Government from the Straits Settlements. Further reports have been called for, and when received full information will be submitted to the Government of India.

2. In the meantime, I am directed to transmit copies of letters received from the Honorary Secretary to the Agri-Horticultural Society, Madras, together with a sample of tobacco forwarded by him. This tobacco was grown from the seed received with your Officiating Under-Secretary's letter above referred to, and it is stated that it "germinated freely and grew luxuriantly."

3. There can be no doubt that Manilla tobacco is of very fine quality, and can be successfully grown in this Presidency where the soil is suitable and a market for it exists.

I have the honour to be,
Sir,
Your most obedient servant,

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

Exd. F. R. Bantleman.

MISCELLANEOUS No. 4157. REVENUE DEPARTMENT.

Read the following:-

№ 210 — **PROCEEDINGS OF THE BOARD OF REVENUE.**

Dated 5th July 1873.

Read the following

№ 253.

From, R. K. Puckle, Esqre,
Collector.

To, J. Grose Esqre,
Secretary to the
Board of Revenue,
Madras.

Sir,

In reply to Board's Proceedings № 265 dated 24th February 1873, I have the honor to inform you that the Manilla tobacco seed failed in two places, and in the two other places where it germinated the yield was so poor that the entire experiment must be pronounced a failure. The climate here is too hot and the elevation too low for this exotic.-

Huzur Cutcherry
Tinnevelly 9th May 1873. } I have &c
sd/ R. K. Puckle
Collector

№ 916.

From, G. D. Leman Esqre
Ag Collector of the
Kistna District.

To, J. Grose Esqre,
Secretary to the
Board of Revenue,
Madras.-

Sir

Sir,

Referring to Proceedings No 265 dated 24th February 1873, I have the honor to report as follows:-

2. The Manilla seed received, was in March 1872 distributed for purposes of experiment in the Talugs of Bapatla, Repalle, Bezwada and Guntur and to the Zemindars of Nuzvid and Davaraketta. The only reply that reports any success is from Guntur. In the other cases either the seed did not germinate or a crop that had been promising well was destroyed by the heavy rain of October.

3. Sekur is the Village in the Guntur Taluq where the experiment was made with success. In August one tola of the seed was sown in a plot of ground - 6 feet square - part of an old house site. The plot had been prepared with 3 baskets of manure; and for 6 days after sowing, it was watered three times a day: when

2

when the seedlings appeared. till they were transplanted - which was in October following - they were watered twice a day. The seedlings were transplanted into a field, 6 cents in extent, which was watered once a day till they took root. They were then left alone for 15 days, when the ground was hoed.

4. The plant was treated in a manner exactly similar to that adopted for country tobacco; but two months after transplantation it was two yards above ground, that is, one yard higher than country tobacco usually is

5. The tops were then broken off and any shoots that appeared were regularly removed once a week. In February this year the leaf was ready for plucking.

6. It was then cut with a sickle and taken to the ryot's house; and the leaves strung together were hung in the shade, in festoons, that they might dry in the air. In 15 days the leaves lost their green appearance and shrivelled.

7. The festoons were then taken down

down and were put in a place out of the wind and covered up to ferment. They were laid one upon another in one heap upon palmyra leaves; and in order to prevent rotting, were turned over four separate times at intervals of 4 days. The festoons were now taken out and were laid, one festoon upon another, and were covered up with palmyra leaves and pressed down by heavy boards for 2 days: after which they were again put in a heap for 15 days. This is simply the way of curing tobacco adopted here.

8. The heavy rain destroyed about half this crop, the outturn being only 31 3/4 seers valued at Rs. 2-11-6. The ryot says he spent one Rupee on the experiment. The Manilla leaf, says the ryot, came to maturity 10 days later than country tobacco: the leaf was broader, was heavier when green, and tapered less.

9. A sample of 1 1/4 seer is forwarded by this day's bandy post.

Have &c
sd/ G.D. Leman
Actg Collector

Kistna District
Collectors Office
Masulipatam
11th June 1873

With reference to Proceedings of Government 1st February 1872, No. 215, the Board resolve to forward to the Government the reports of the Collectors of the Kistna and Tinnevelly Districts on the experimental culture of Manilla tobacco in their Districts.

In the latter District complete failure resulted but in one instance in the Kistna District on a small plot of ground (6 cents) the crop was, although damaged by excessive rain, at the rate of 13 maunds or 272 Rs. per acre.

A copy of Mr. Leman's letter is forwarded to Mr. Robertson for his information and remarks.

True Copies & Extract

H Goodwin
Ag. Sub Secretary

For
the Ag. Secretary to Government
Revenue Department

Encl
Copies & Extracts as per

Rec'd 1873 Sept
No 2006

PROCEEDINGS OF THE BOARD
OF REVENUE.

24 September 73 No 1035

Dated 5th July 1873.

Despatched 5th " "

Received 9th " "

Mins: No 4157

SUBJECT.

Submitting reports
of the Coll^rs of Kistna
& Tinnevelly on the
result of the experi-
mental cultivation
of Manilla tobacco in
their Districts

Dr. 210 - 216

C 18 Sept 73 K 22 Sept

MISCELLANEOUS No. 3403. REVENUE DEPARTMENT.

9E

PROCEEDINGS OF THE BOARD OF REVENUE.

Dated 5th June 1873.

No. 139. Read the following

From

W. S. Forster Esqre.,
Acting Collector.-

To

J. Grose Esqre.,
Secretary to the
Board of Revenue,
Madras.-

Sir,

With reference to the Proceedings of the Board of Revenue dated 24th February 1873, No. 265, I have the honor to state that the Manilla seed received with the Government Order dated 20th February 1872, No. 320, was distributed among the divisional Officers, and I beg to forward herewith a sample of uncured leaves grown in Dhummagudem in the Ellore Taluq in the Head Assistant Collector's division. As I consider the leaves cannot be of so much use, if they are kept longer as they would be, if sent

now

sent in a separate packet.

now, I forward them on at once, — without waiting for the other reports.

2. Copy of the Head Assistant Collector's letter on the subject is herein enclosed.. x

Dated 3rd May 1873, No 79.

Godavery District
Collector's Office
Cocanada
9th May 1873..

I have &c
(Sd) W.S. Forster
Offg. Collector

No 79.

From,

E. Le Pearse Esqre,
Offg. Head Assistant Collector.

To,

W.S. Forster Esqre.
Offg. Collector
Godavery District.

Sir,

With reference to your letter No. 259 of the 12th September last, I have the honor to inform you that the Manilla Tobacco seeds were tried in Dhurmaseguedem in Ellore Taluq. In the first it entirely failed. In the second, it grew up to a span bright and samples of uncured leaves

10½

leaves are herewith forwarded. Cured leaves will also be sent as soon as received. In Yernagudem Taluq, the leaves appear to have been cut but not yet cured. Samples of cured leaves will be sent as soon as ready..

Godavery District
Head Assistant Collector's Office
Ellore 3rd May 1873.

I have &c
(Sd) E. Le Pearse
Offg Head Asst Collector

(True Copy)
(Sd) W.S. Forster
Offg. Collector

Recorded.

The success of the experiment will be treated of when the cured leaves and the details of the cultivation reach the Board.

The parcel of uncured leaves is forwarded to Mr. Broughton..

True Copies & Extract
(Sd) H Goodrich
Offg. Asst Secretary

For the Collector of the
Godavery District.

(True Copy)
H Goodrich
Offg. Asst Secretary

W.D.W. Locke
Supt Kakkapping

PROCEEDINGS OF THE BOARD
OF REVENUE.

12163/73

Dated 5th June 1873.

Despatched

Mis: Rs 3,403.-

Stamps.

Revenue Dept.

No. 1035

Proceedings of the Madras Govt.

Under date the 24 September 1873.

Read a prin G.O. 20 May 1873, No 503.

Read the following

Pro: of the Board of Revenue

Subm: Reports of Collectors of Kistna & Tinnevelly on result of experimental cultivation of Manilla Tobacco in their districts.	}	H.S. 5th July 1873, No 4151.
Subm: Report of Collector of Coimbatore on ditto in his district.	}	" 4 July 1873, No 1190.
Subm: Report of Collector of S. Canara on ditto in his district.	}	" 4 July 1873, No 1189.
Subm: Report of Collector of Godavery on ditto in Yernagudem Talak.	}	" 2 July 1873, No 1159.
Forwarding samples of the Tobacco seed from the Secy: Agri. Hortl. Society.	}	" 4 Augt 1873, No 1491
Subm: letter from Secy: Agri. Hort. Society forwarding extract from Society's Annual Report, showing results of experimental cultivation of Tobacco in Madras Presy.	}	" 3 Sept 73. No 1737

With G.O. No 215 dated the 1st of February 1872 samples of Manilla tobacco seed were forwarded direct

direct to the Societies and gentlemen noted in the margin for experimental cultivation, with the request that they would in due course report results through the Board of Revenue.

Agri. Horticultural Society, Madras.
" " Cotacamund
E. A. Campbell. Esq. Vizagpt
Board of Revenue,
Collector of Godavery.
" Trichinopoly.
" Tinnevelly.
" Coimbatore.
" S. Canara.
" Malabar.

2. The Govt have now received the reports quoted above, but only the Hony: Secretary to the Madras Agri. Horticultural Society has distinctly stated that he is reporting on the seed received with the order of Govt above referred to.

3. In the other reports either no mention is made of any order or the order in question and one of a later date with which some tobacco seed received from the Straits Settlements was distributed through the Board are both quoted. The Govt therefore desire that the Board will ascertain which supply of seed is referred to in the various reports and will call for those not yet received.

G. O. 20 Feby. 1872, No. 320.

4. In the meantime the results of the experiments as far as they are at present known will be reported to the Govt of India.

To Board of Revenue
Ops-8-70/72
3
50

Govt

On reports on experimental cultivation of Manilla Tobacco.

Mem
8 Oct 73
with 2 Encls.
to Pamphlet Volume

No 1036. Revenue Dept.
24 Sept 73

To

The Secretary to the Govt of India
Agricultural Department.

Sir

In reply to the letters marginally noted, I am directed to forward the accompanying Proceedings from which it will be seen that the Manilla tobacco seed received with your Offg: Under Secy's letter was distributed for experimental cultivation to various Societies and gentlemen of whom some have not yet reported while others have unfortunately failed

Dated 10th Jany/72 No 16
" 9th July/73 No 258

8 Encls
Revenue Govt 24 September/73
No 1035

I.O.L.

Govt
On reports on experimental cultivation of Manilla Tobacco.

Mem
8 Oct 73
with 2 Encls.
to Pamphlet Volume

No 1036. Revenue Dept.
24 Sept 73

To

The Secretary to the Govt of India
Agricultural Department.

Sir

In reply to the letters marginally noted, I am directed to forward the accompanying Proceedings from which it will be seen that the Manilla tobacco seed received with your Offg: Under Secy's letter was distributed for experimental cultivation to various Societies and gentlemen of whom some have not yet reported while others have unfortunately failed

Dated 10th Jany/72 No 16
" 9th July/73 No 258

8 Encls
Revenue Govt 24 September/73
No 1035

I.O.L.

failed to distinguish the results obtained with the seed in question from those obtained with some seed which was received by this Govt: from the Straits Settlements. Further reports have been called for and when received full information will be submitted to the Govt of India.

2. In the meantime, I am directed to transmit copies of letters received from the Hony: Secy: to the Agri-Horticultural Society, Madras together with a sample of tobacco forwarded by him. This tobacco was grown from the seed received with

Your

14"

Your Offg: Underlay's letter above referred to and it is stated that it "germinated freely and grew luxuriantly".

It will however be seen that the Society deprecate any further experimental cultivation of foreign tobacco in this Presidency until such time as the chemical constitution of its soils being better known the cultivation may be undertaken in those localities where the presence of the necessary alkalies would seem to justify hopes of better results than those generally obtained hitherto

I shall omit this - it is all moon shine - Does the Society or have our Govt to have their soil analysed or to be guided in their farming duties by the researches of English Chemists? I would rather say -

3. "There can be no doubt that Mr Miller's tobacco is of very fine quality - and can be grown fully as in this Presidency where the

Bil is Lic Ck L
& market for it 24.
-ij 5.

L W.

Govt of India
Agri Dept
Cultivation of Manilla
tobacco

2 19 Sept 73 K. 23 Sept