Archives 1—10,000—8-10-76.

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(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / ~~B.P. No.~~	527	Press. / ~~Mis.~~
Dated	10-5-1880	~~197~~ .

Not to be folded or roughly handled

527
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GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

10th May 1880, No. 527.

No. 55. READ THE FOLLOWING PAPER:—

Docket from R. W. BARLOW, Esq., Commissioner of the Nilgiris, to C. G. MASTER, Esq., Secretary to Government, Revenue Department, dated Ootacamund, 13th April 1880, No. 46.

COPY of Mr. Jamieson's letter, No. 498, dated 1st instant, furnishing the additional information required at paragraph 8 of G.O., No. 1,992, dated 8th October 1879, regarding the medical gardens under his charge, is herewith submitted for the information of Government.

ENCLOSURE No. 1.

From A. JAMIESON, Esq., Superintendent, Government Botanical Gardens, to R. W. BARLOW, Esq., Commissioner of the Nilgiris, dated Ootacamund, 1st April 1880, No. 498.

WITH reference to paragraph 8 of G.O., No. 1,992, dated 3rd October 1879, and G.O., No. 295, dated 8th ultimo, and your endorsement thereon, I have the honor to report that the utmost care and attention continues to be bestowed on the medicinal plants under cultivation in the Government Gardens under my charge.

2. In addition to Jalap (which continues to thrive most satisfactorily), the plants noted in the margin are being propagated and planted out as rapidly as young plants can be produced. Of these the most important are Peppermint and Rhubarb.

Peppermint.	Lavender.
Rhubarb.	Digitalis.
Rosemary.	Taraxicum.

3. *Peppermint.*—After fully a year's trial, I have abandoned the cultivation of Peppermint at Ootacamund, the climate being too cold to produce a luxuriant growth. The plant grows rapidly during the autumn months, but becomes stunted and withered as soon as the dry frosty weather sets in. I am, therefore, having the entire stock transferred to the newly-formed nurseries in the Kalhatti Garden, where we have a more forcing climate and an abundant supply of water at command throughout the year. The present year's crop of Peppermint will, I believe, yield several pounds weight of oil when distilled.

4. *Rhubarb.*—The stock of Rhubarb plants have not, I regret to add, increased so rapidly as I anticipated. The original plant having not yet borne seed, the propagation has in consequence been confined exclusively to the division of the older plants. In June last year, I put out one plant in the Kalhatti Garden, which has grown very much stronger than the plants in the Ootacamund Gardens. The plants now in Ootacamund will be transferred to Kalhatti as soon as the weather is favorable for transplanting, and every means adopted to increase the stock as fast as practicable. At Banbury in England, where medicinal Rhubarb has been cultivated for many years, it is considered advantageous to allow the roots to remain in the ground until they are six or seven years old, but they are seldom allowed to attain more than four years' growth, at which age I have no doubt our plants will commence to yield a return.

5. *Rosemary and Lavender* grow freely in a friable loamy soil in Ootacamund, and are easily propagated by cuttings. When the plants already put out have made a sufficient growth, they will be cut over, the produce dried and forwarded to the Medical Department for distillation.

6. *Taraxicum and Digitalis* grow so freely in Ootacamund as to require no special care. The demand for these drugs by the Medical Department is at present supplied from plants growing spontaneously in the gardens. Should the present demand be largely increased, it could easily be met with little expense in cultivation.

7. *Jalap.*—With a view to further extending the cultivation of this valuable drug, one and-a-half acres of land immediately within the northern boundary of the gardens have been broken up, terraced, and manured. The land will be first cropped with potatoes, then planted out with Jalap. When it comes into bearing there will be a sufficient area under Jalap to meet the requirements of the Indian Medical Department.

8. In August last year, I received from Surgeon-Major Bidie a packet of seed called Barbung, believed to belong to a species of Plantago and which Dr. Bidie says is largely used in Persia and Central Asia as a cure for dysentery. The seed was sown immediately after receipt and germinated freely. As soon as the plants were large enough, they were transplanted in the Kalhatti nurseries, where they are making satisfactory progress. When the plants have flowered and seeded, specimens and a packet of seed will be forwarded to Dr. Bidie for identification and analysis.

9. During the present year I hope also to undertake the cultivation of the following drugs, all of which are in considerable demand by the Medical Departments, and I have no doubt will be found to thrive either at Ootacamund or Kalhatti :—

Aconitum Napellas.	Hyocyamus Niger.
Atropa Belladonna.	Convolvulus Teammonia.
Colchicum Autumnale.	Artimesia, sps.
Gentiana lutea.	Valeriana officinalis.

No. 56. ORDER THEREON, 10th May 1880, No. 527.

Miscellaneous.

RECORDED.

2. Detailed information as to these Gardens must in future be given in the annual reports.

(True Extract.)

(Signed) C. G. MASTER.
Secretary to Government.

To the Commissioner of the Nilgiris.
„ the Surgeon-General, Civil Medical Department.

Ex. W. H. French.

25 Copies.

Nº 498

Government Gardens
Coteacamund
1st April 1880

527/5

From,

The Superintendent
Government Botanical
Gardens

To

R.W. Barlow Esqr
Commissioner
of Nilgiris
Coteacamund

Sir,

With reference to para 8 of G.O. Nº 1992 dated 5th October 1879 and G.O. Nº 295 dated 8th ultimo and your endorsement thereon, I have the honor to report that the utmost care and attention continues to be bestowed on the medicinal plants under cultivation in the Government Gardens under my charge.

2 In addition to jalap (which continues to thrive most satisfactorily), the plants noted in the margin are

Peppermint
Rhubarb
Rosemary
Lavender
digitalis
Taraxicum

seeing

Judicial.

Govt. of (1880) Madras.

To

REVENUE.

THE COMMISSIONER OF THE NILGIRIS,

&c., &c.

Dated May 10th.

Printed 17th.

Rect.

G.O., 10th May 1880, No. 527.

M. A. Y.

Nos. 55-56.

Medicinal Plants—under cultivation in the Government Gardens, Ootacamund.—Recording, with reports, dockets of the Commissioner of Nilgiris submitting letter from Mr. Barlow forwarding certain information required by Government regarding the — under his charge.

Ucik cur. 2833/80.

12-6-17

being propogated and planted out as rapidly as young plants can be produced, of these the most im=portant are- Peppermint and Rhu=barb

3. Peppermint. After fully a year's trial, I have abandoned the cultiva=tion of Peppermint at Calacamund, the climate being too cold to produce a luxuriant growth, the plant grows rapidly during the autumn months, but becomes stunted and withered as soon as the dry frosty weather sets in - I am, therefore, having the entire stock transferred to the newly formed nurseries in the Kulhutty Garden, where we have a more fav=oring climate and an abundant sup=ply of water at command through=out the year - The present years crop of Peppermint will, I believe, yield several pounds weight of oil, when distilled -

4. Rhubarb. The stock of Rhubarb plants have not, I regret, to add increased so rapidly, as I anticipat=ed - The original plant having not yet born seed - the propagation has in consequence been confined ex=clusively to the division of the old=er plants - In June last year, I put out one plant in the Kulhutty garden, which has grown very much stronger than the plants in the Calacamund Gardens - The plants now in Cotaca=mund will be transferred to Kulhutty, as soon the weather is favorable for transplanting

527/14

transplanting and every means adopted to increase the stock as fast as practicable. At Banbury in England, where medicinal Rhubarb has been cultivated for many years it is considered advantageous to allow the roots to remain in the ground until they are 6 or 7 years old, but they are seldom allowed to attain more than four years' growth, at which age I see no doubt our plants will commence to yield a return.

5 Rosemary and Lavender grow freely in a friable loamy soil in Calcamund and are easily propagated by cuttings; when the plants already put out have made a sufficient growth, they will be cut over, the produce dried and forwarded to the Medical depart-

ment

ment for distillation.

6. Taraxicum and digitalis grow so freely in Calcamund as to require no special care, the demand for these drugs by the Medical department is at present supplied from plants growing spontaneously in the Gardens, should the present demand be largely increased, it could easily be met with little expense in cultivation.

7 Jalap With a view to further extending the cultivation of this saleable drug one and a half acres of land immediately within the Northern boundary of the Gardens has been broken up, terraced, and manured. The land will be first cropped

cropped with potatoes then planted up with Jalap - When it comes into bearing, there will be a sufficient area under Jalap to meet the re= =quirements of the Indian Medical department -

8 In August last year I received from Surgeon Major Bidie a packet of seed called Barbung; believed to belong to a species of Plantago and which Dr Bidie says is largely used in Persia and central Asia as a cure for dysentery - The seed was sown immediately after receipt and germinated freely, as soon as the plants were large enough, they were

were transplanted in the Kulhutty nurseries, where they are making satisfactory progress, when the plants have flowered and seeds, specimens and a packet of seed will be forwarded to Dr Bidie for identification and analysis

9 During the present year I hope also to undertake the cultivation of the following drugs, all of which are in considerable demand by the Medical departments, and I have no doubt will be found to thrive either at Saharanpur or Kulhutty

Aconitum Napellus
Atropa Belladonna
Colchicum Autumnale
Gentiana lutea
Hyoscyamus Niger

Convolvulus

Consulate Jamaica

Artemesia &c

Valeriana officinalis

Chaue &c

/signed/ A Jamieson

Superintendent.

/True copy/

W Wodarton

Commissioner

Encl. No 2511/79

Encl.

Kingston

2. Lt Colonel Lafontaine

Ag Director Gardens Kingston

Ja

Sir

I have the honor to report for the information of His Excellency the Governor that I have received from the Superintendent of the Botanical Gardens Jamaica a specimen of the Valeriana officinalis (Chaue &c) which is reported to be used by the natives as a remedy for Cholera.

I have &c

W Wodarton

Commissioner

To Colonial Secretary

Spanish Town

2 Oct 1879

1

6 October 1879 regarding the medicinal gardens under his charge is hereunto submitted for the information of Government.

52/1

W Wodarton

Commissioner

3 Board's N. 33-34
& Madras N. 118-119

Rev. (1880.) Deptt.

No. 46 Rd. 2311.

Date 13th April 1880
Rec'd 19th do

COMMISSIONER'S OFFICE,
Ootacamund.

To

The Secretary
to Government
Revenue department
Fort St George

Enclosures one

12-5-80 SUBJECT.

Copy of Mr
Jamieson's letter
No 498 dated 1st
instant furnishing
the additional in
formation required
at para 8 of G.O.
No 1992 dated
11th inst.

Encl. 53-54