M.R.O. 1—77,006—8-6-37.

(1) Number of pages 12

(2) Date of repair 1 . 9 . 38

(3) Initials of the Referencer

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MADRAS RECORD OFFICE.

4

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 419 Press Mis.

Dated 15-6- 1888.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—again the following G.O., dated 10th May 1888, No. 2780, Revenue :—

Read—the following letter from M. A. LAWSON, Esq., Government Botanist and Director of Government Cinchona Plantations, Nílgiris, to the Secretary to Government, Revenue Department, dated Ootacamund, 5th May 1888, No. 14 :— .

I have the honor to inform you that I am now ready to turn out a large quantity of the solid cinchona febrifuge, but befofe doing so, I wish to bring to your notice the following facts, and to ask you to issue orders for my guidance on the subject :—

(1) By the method of extracting the alkaloids at present adopted, there is a loss of 40 per cent.

(2) If the new method of extracting the alkaloids by the oil process be adopted, there will be a loss of something less than 5 per cent.

(3) Under these circumstances it seems to me very desirable that the present process should be discontinued at once ; and the only difficulty in doing this is that I cannot undertake to supply febrifuge made by the new process until I get the necessary plant from England ; and this may not be for another nine months, or a year.

2. The chemicals and other apparatus which have been purchased for manufacturing the febrifuge under the present method will none of them be wasted, as they will all be required for the manufacture of quinine.

3. I shall be obliged if, therefore, you will issue early orders as to whether or no I may be allowed to postpone the making of more solid febrifuge until such time as I shall receive the new plant and chemicals from England.

4. The manufacture of the liquid febrifuge can go on as heretofore.

Order—dated 10th May 1888, No. 2780, Revenue.

Forwarded to the Surgeon-General with the Government for the favor of his remarks on the delay that will occur in the supply of the febrifuge if its manufacture is postponed until the arrival of the apparatus required for the new process.

(True Extract.)

(Signed) J. F. PRICE,
Secretary to Government.

To the Surgeon-General with the Government of Madras.

READ—also the following letter from G. BIDIE, Esq., M.B., C.I.E., Surgeon-General with the Government of Madras, to the Secretary to Government, Revenue Department (through the Chief Secretary to Government, Public Department), dated Ootacamund, 23rd May 1888, No. O.-146 :—

In returning the letter of the Director of Government Cinchona Plantations (No. 14, dated 5th May 1888) referred under your No. 2780 of 10th May 1888, I have the honor to submit the following remarks to His Excellency the Governor in Council.

2. The question of the local manufacture of cheap cinchona febrifuges and the measures to be adopted to bring them within easy reach of the people have now been for some years under discussion, and it appears to me, from my own point of view, very desirable that nothing should be allowed to interfere with the preparation and distribution of remedies so urgently required. The anticipated loss of alkaloids in manufacture by existing methods, viz., 40 per cent., is, from an economical point of view, no doubt large, but it is nothing more than was expected prior to the discovery of the oil process of extraction, and it is, in my opinion, a very small matter compared with the sickness and mortality which are annually caused by fever.

3. The deaths from fevers in 1886 amounted to 221,679, being 40 per cent. of the total deaths, and giving a mean death-rate of about eight per thousand of population, but in six districts the mortality ranged from 17 to 11 per mille. The abovementioned death-rate, it is true, was somewhat high, but the average annual total of deaths from fever is about 216,000—a number equal to about half the population of the city of Madras.

4. I am therefore of opinion that the manufacture both of the solid and liquid cinchona febrifuge should go on and their distribution be pushed as arranged under G.O., No. 247, of 10th April 1888. The delay of another year would, in my opinion, be a serious matter.

ORDER—dated 15th June 1888, No. 419, Revenue.

Miscellaneous.

The Government accept the recommendation of the Surgeon-General that the manufacture of the solid and liquid febrifuge should be commenced at once and not postponed until the plant and materials required for the new process are received.

(True Extract.)

(Signed) J. F. PRICE,
Secretary to Government.

To the Government Botanist.
„ the Surgeon-General with the Government of Madras.

Exd. P. L. Pereira.

40 Copies.

Original

Govt. of {1888} Madras.

REVENUE.

Issued

Recd. Encl.

G.O., 15th June 1888, No. 419.

JUNE.

Cinchona Febrifuge.

The recommendation of the Surgeon-General that the manufacture of the solid and liquid — should be commenced at once and not postponed until the plant and materials required for the new process are received, accepted.

Director's Office
Ootacamund 5th May 1888

No. 14

From

M^r A. Lawson Esquire
Government Botanist and Director
Govt. Cinchona Plantations
Nilgiris

To

The Secretary to Government
Revenue Department
Ootacamund

Sir,

I have the honor to inform you that I am now ready to turn out a large quantity of the solid Cinchona febrifuge — but before doing so — I wish to bring to your notice the following facts, and to ask you to issue orders for my guidance on the subject: —

1. By the method of extracting the alkaloids, at present adopted, there is a loss of forty per cent.

2. If the new method of extracting the alkaloids by the oil process be adopted, there will be a loss of something less than five per cent.

3. Under these circumstances, it seems to me very desirable that the present process should be discontinued, at once; and the only difficulty in doing this is that I cannot undertake to supply febrifuge made by the new process, until I see

Rev. 3608/88

the necessary plant from England; and this may not be for another nine months, or a year.

Papers sent to Sandra

2. The chemicals and other apparatus which have been purchased for manufacturing the febrifuge, under the present method, will none of them be wasted, as they will all be required for the manufacture of quinine

3 I shall be obliged, if, therefore, you will issue early orders, as to whether, or no, I may be allowed to postpone the making of more solid febrifuge, until such time as I shall receive the new plant and chemicals from England

4. The manufacture of the liquid febrifuge can go on, as heretofore.

I have the honor to be
Sir
Your most Obt. Servant
M. A. Lawson

Government Botanist and
Director

%

1888 May

No 0169

Order No 2480.

Forwarded to the Surgeon General with the Government for the favour of his remarks on the delay that will occur in the supply of the febrifuge if its manufacture is postponed until the arrival of the apparatus required for the new process.

R. Knuckles
Secretary to Govt

Ootacamund
10th May 1888.

SR.

To
The Surgeon-General
with the Govt of Madras

(1888.)

REVENUE DEPARTMENT.

No. 3159.

From

The Govt Botanist and
Director of Cinchona
Plantations, Nilgiris.

Dated 5 May 1888
Received 7 " —:—
Enclosures —

No. 14.

GOVT SECRETARY
GOVERNMENT OF MADRAS
1888 MAY 29 RD

SUBJECT.

Solid febrifuge.

Soliciting an expression of Govt views as to whether or not the — may be postponed until such time the new plant and chemicals are received from England — informing that the febrifuge will be manufactured hereafter.

9

Thro' the Chief Secretary to Govt: Pub: Dept.

OFFICE OF SURGEON-GENERAL
WITH THE GOVERNMENT OF MADRAS,
Ootacamund, 23rd May 1888.

No. 0146

From G. Bidie Esq. M.B., C.I.E.
THE SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,
~~FORT ST. GEORGE,~~
Ootacamund.

To
THE ~~CHIEF~~ SECRETARY TO GOVERNMENT,
Revenue DEPARTMENT.

SIR,

In returning the letter of the Director of Government Cinchona Plantations (No 14 dated 5 May 1888) referred under your No 2780 of 10th May 1888 I have the honor to submit the following remarks to His Excellency the Governor in Council.

2. The question of the local manufacture of cheap cinchona febrifuges and the measures to be adopted to bring them within easy reach of the people have now been for some years under discussion, and it appears to me, from my own point of view, very desirable that nothing should be allowed to interfere with the preparation and distribution of remedies so urgently required. The anticipated loss of alkaloids in manufacture by existing methods viz 40 per cent – is from an economical point of view no doubt large, but it is nothing more than was expected prior to the discovery of the oil process of extraction, and it is in my opinion a very small matter compared with the sickness and mortality which are

annually caused by fever.

3. The deaths from fevers in 1886 amounted to 221,679 being 40 per cent of the total deaths and giving a mean death rate of about 8 per thousand of population, but in 6 districts the mortality ranged from 17 to 11 per mille. The above mentioned death rate it is true was somewhat high, but the average annual total of deaths from fever is about 216,000, a number equal to about half the population of the City of Madras.

4. I am therefore of opinion that the manufacture both of the solid and liquid cinchona febrifuge should go on and their distribution be pushed as arranged under G.O. No. 247 of 10th April 1888. The delay of another year would in my opinion be a serious matter.

I have the honor to be
Sir,
Your Most Obt. Servant
Bidie M.B., C.I.E.
Surgeon-General.
To Govt. of Madras.

Revenue (1888) Department.

No. 3608

From G. Bidie Esq. M.B., C.I.E.
The Surgeon-General with the
Government of Madras,
~~Fort St. George.~~
Ootacamund.

SECR. GOVT. MADRAS
28 MAY 88
REV. DEPT.

No. Ojuch

Dated 23 May 1888.
Recd. 28

No.

Revl

Subject.

Submits remarks regarding the manufacture of both solid and liquid cinchona febrifuge.

To the Govt. Botanist
Surgeon-General
with the Govt. of Madras

Health Institutions

For orders.

It is thought that the Surgeon General's recommendations should be accepted. The matter has been hanging fire for a long time and although the plant and materials required for the new process have been ordered it is quite possible that it may be some considerable time before the manufacture is set going.

H Hacks 13 June — 13/June

Put up Sms 15/6

Read again Govt Nos 4 16-5-88 & 2) 80 & Govt Also c.c. No 3608.

G.O. of 15 June 1888 para 2 cl 9.

The Govt accept the recommendation of the Surgeon General that the manufacture of the Solid & liquid fabrifuge should be commenced at once & that proposals should be called for until the plant & materials required for the new process are received.

H Hacks 15 June — 15/June

C 16/2
R 14/8