M.R.O. 1—77,000—8-6-37.

(1) Number of pages 6

(2) Date of repair 28-12-86

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	7257	Press / Mis.
Dated	29-12-1886.	

Not to be folded or roughly handled

Read Acknowledgment
No. 8 of 86

-1-

Madras, 24th Novr. 1886.

1

From Lt. Col. [illegible]
Pr. Ce. 30 Nov 86

To
Frederick Price, Esq.
Acting Secretary to Government,
Madras.

Sir,

We have the honor to acknowledge with thanks receipt of the Director's very interesting report on the Government Cinchona Plantations for 1885/86, furnished us in accordance with G. O. dated 20th November 1886, No. 7034.

We observe that the experiments in manuring Cinchonas in order to ascertain the effect upon the alkaloids, were on a very small scale; and that the Government in its order of 15th instant express the desire that investigations should be continued with trees of other varieties.

We venture to suggest that experiments should be conducted upon a far larger number of trees, and if a selection of any particular varieties is to be made for the purpose, that it shall include C. Succirubra and C. Robusta. We propose ourselves to experiment upon C. Ledgeriana, both with cattle & other manures.

It occurs to us that since the date of the Director's report further experiments in manuring may have been conducted & the results ascertained; & if so we should be very glad to receive particulars. We may mention that mainly influenced by the advices

of

of the Director's letter of 9th Nov 1885 to the Collector of Malabar, we have abstained from manuring our Cinchonas; (though recommended by planters to do so) as according to that letter experiments made up to that date had shown that the yield of alkaloids per pound of bark was not increased by manuring.

We therefore have the honor to request that Government will obtain from the Director or the Quinologist, as the case may be, & communicate to us, the expression of his opinion whether, taking into consideration the views held in ~~Nov~~ of last year, and the result of the experiments conducted in the past season, he would recommend manuring of Cinchonas from a commercial point of view; & if so whether cattle, or artificial manure would be the more beneficial. If he be of opinion that the latter is the more desirable we should be glad to know his views as to ~~the~~ what components would be the best. Possibly the investigations of the Government Quinologist into the morganic constituents of Cinchona bark may have arrived at a sufficiently forward stage to indicate the class of manure that would have the greatest effect in increasing the quantity of Alkaloids.

We have the honor to be
Sir,
Your most obedt. Servants,
per pro ARBUTHNOT & Co

ABSTRACT.

Ms. 10253/136

f.o-20.11.86 No 7034.

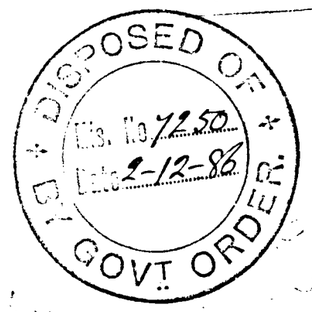
(1886.)

REVENUE DEPARTMENT.

No. 9625.

From Messrs: Arbuthnot & Co.
Madras.

2c. 2 10257/86.



Dated 24th 28th Nov. 1886

Received 28th 30 Nov. 1886

Enclosures –

No. –

SUBJECT.

Requesting to be furnished with certain information regarding Experiments in manuring Cinchonas.

his f.o No 7250 dt 2 December 1886

Forwarded to the Govt Botanist & Director of Cinchona Plantations for remarks.