Revenue (189 7) Department.

MISCELLANEOUS SERIES.

G.O., No. 4839

DATED 14th Sept: 1897

[Despatch Abstract.]

Recording with certain remarks, ~~the report~~ report from the Director ~~of Govt Cinchona Plantns~~ on the points raised in the review of the Annual Report on the Govt Cinchona Plantns. Nilgiris for 1896-97.

BACK PAPERS.

G.O	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue (1897) Department.

CURRENT No.

17 AUG 1897

From W. M. Standen Esqr.
Govt. Cinchona Plantations

Order

No. 53

Dated 16th August 1897

Received

Registered

Enclosures

Spare copies

SUBJECT.

Annual Reports on the Govt. Cinchona Plantations Nilgiris, for 1896-97.

Reports on the several points raised in the previous order on the ——

Revd 18/8

BACK PAPERS.

G.O.	No.	Department.	Date.
-	578	Rev	16-7-97

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Gen. 7093 of 97

NOTE FOR THE UNDER SECRETARY.

Reid chat
this paper was lying
over with other papers
in the under Secy's room.
Orders are solicited as
to whether in view of
the fact that the under
Secy has initialled the
draft on the 28th ultimo.
it ~~is intended~~ was in-
tentionally allowed to
lie over for making
any further remarks

10/VIII
7. VIII. 97

No. 53

DIRECTOR'S OFFICE,
OOTACAMUND, 16 August 1897.

From

W. M. STANDEN, ESQ.,
DIRECTOR OF THE GOVERNMENT
CINCHONA PLANTATIONS,
Nilgiris.

To

The Secretary to Government
Revenue Department
Ootacamund

SIR,

With reference to G.O. No. 578, Revenue of 16 July 1897, received this day, I have the honor to reply as follows in regard to the several points on which information is desired:—

Put up with
a paper under
separate

Para 4. In my letter No. 875 of 24 August 1896, I made two suggestions — 1st. That fresh land to the extent of about 240 acres be opened, as a set off against a similar area lying fallow. 2nd. That in view of the fact that Succirubras yield so little quinine, that it does not pay to extract it by the oil process, it would be in the interests of Government to buy back from private growers at the market rate of the day.

I hope, I may be permitted to point out, that my suggestions were as

attached

as above, and were not to the effect that it would be necessary either to acquire fresh land or to purchase bark from the local market".

In para 5 of GO No 707 Revenue dated 9th December 1896, Government having given specific instructions that Certain areas were to be abandoned, while others were to be maintained as reserves, in fact having formulated a working plan, it was not considered necessary to submit another.

On receipt of orders on a Communication to be submitted to Government shortly, with reference to the G.O., in question, a working plan will be submitted without delay.

Para 5. The recommendation made by the Director of the Royal Botanic Gardens, Kew, to maintain a small stock plantation of crown bark trees in an isolated position, in order that hybridization may not occur, has not yet been given effect to. It will be necessary to Consult the Forest Department, before steps can be taken in this direction, with a view to ascertain whether a suitable piece of Forest land, at such a distance from all other plantations of Cinchona as to render hybridization impossible, can be handed over to this Department.

Para 6

In this para it is stated, that the figures in Column 2 do not agree with those given in the last Column of the Corresponding Statement attached to para 7 of the Review of the Report for 1895-96. In the Case of the bark, the difference has been noted in the Report, and the difference in the figures for Febrifuge is due to two facts:-

1st That the statement attached to para 7 of the Review of the 1895-96 Report was not a Complete statement of the stock of bark and alkaloids in hand at the end of the year, since it did not include the 21 3/4 lbs Cinchonidine sulphate, shown as part of stock in Statement 10 and para IX of the Report for 1895-96

2nd The figure for febrifuge viz 1586 lbs given in Column 2 of the Statement attached

attached to para 6 of the Review of the Report for 1896-97 is no where given in the Annual Report for that year. A reference to Statement 9 attached to the Report for 1896-97 will show that 1564 lbs of Febrifuge and 21¾ lbs Cinchonidine sulphate were in stock at the Commencement of the year. Both the Febrifuge and Cinchonidine amounting together to 1585¾ lbs, were sold during the year, Vide Statement 12; while of the 3350 lbs of Febrifuge manufactured during the year, 2123½ lbs were sold, leaving a balance, at the end of the year, of 1226½ lbs, as shown in Statement 9 and para IX.

The correct balances on 31 March 1897 exhibited in the form attached to para 6 of the Review of the Report for 1896-97 are:-

	In stock at the beginning of 1896-97	Additions made during 1896-97	Total	Disposed of during 1896-97	Balance
	lbs	lbs	lbs	lbs	lbs
Bark	300,030	186867	486897	240146	246751
Quinine	2880	7891	10771	5908½	4862½
Febrifuge & Cinchonidine	1585¾	3350	4935¾	3709½	1226½

The

The particulars of the above Statement can be verified on reference to Statements VII, IX and XI and XII of the Administration Report for 1896-97.

With reference to the large increase in the stock of bark actualy found in store, I may point out that this excess occurred before I took over charge of the Department. The probable cause is that it was never the practice to weigh the dry bark. The green bark was weighed and one third of the weight was taken to represent the dry bark. The figures given were therefore only an estimate of the actual quantity of dry bark; for the loss in drying bark is by no means Constant - it may vary from 50 per cent to 70 per cent, according to the season and the climatic Conditions at the time of harvesting. Since I have taken

taken charge I may mention that the bark is invariably weighed in its dry state.

Para 7 With reference to para 7, in which it is stated, that the more thorough exhaustion of the bark involves a greater expenditure of Fuel oil, I may mention that in para IX in alluding to the improvement that had been made in manufacture, I stated that the bark was treated twice with the mixed oils instead of once, as was done before. The same oil was used for both washings and no fresh mixture of oils was used.

No accurate account was kept at the Factory in 1895-96, as in 1896-97, of the expenditure on Chemicals during the year, but a sufficiently close Comparison Can be made by taking the total amount of Quinologists Contingencies for 1895-96 and 1896-97, exhibited in Statement No 3 of the Reports for those years. These Contingencies include all expenditure on chemicals and other Factory requirements, and these sums divided by the total outturn of alkaloids give the Cost per lb. For instance in 1895-96 the Quinologists Contingencies amounted to Rs 14,337-3-2 while the total alkaloids extracted were 59231bs the Cost per lb being R as 2-6. The expenditure on Quinologists Contingencies in 1896-97 amounted to Rs 20,225, while the total of alkaloids extracted was 11241 lbs. The Cost per lb was therefore R as 1-12 as against R as 2-6 in the preceding year. As mentioned in para IX of my Report for 1896-97 the quinine and febrifuge having been obtained by the oil process the Cost of each is practically the same. Taking the whole expenditure on Quinologists Department and Factory for each of the two years and dividing these totals by the outturn of alkaloids the Cost per lb (excluding the value of the bark used) was Rs 4-8-2 in 1895-96 and Rs 2-9-2 in 1896-97.

With reference to the fall in the supply of Quinine made during 1896-97 to the Medical Stores Madras,

a reference will be made through the Surgeon General and the reply Communicated in due Course.

Para 10. With reference to this para, I may mention that the Civil Budget Estimate was received in this office on the 7th June 1897 while the Report was Submitted in accordance with the instructions of Government by the 1st June. It was, therefore, impossible to adopt in the Report the final figures given in the Civil Budget Estimate. It is intended, in future, to address the Accountant General in May in view to the Correct and final figures being obtained, in time, for adoption in the Report.

I have the honor to be
Sir
Your Most obedt Servant
Wm Stanton
Director

When
When
When
When

The Hon: the Private C. Sec.

Secy

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13/9/97

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I am writing on this
Hills
13.9.97

Enclo

Sd 14/9/97

Order

Order Misc

Order

Letter

State

Paper

Read C.no 7093 of 97

No 4839 dd 3rd 4-9-97

Recorded subject to the following remarks on the observations made by Mr Standen in regard to the statements contained in some of the paras of G.O. no 578 Revenue, dd 16th July 1897

(1) Para 4. It is observed that Mr Standen has submitted a separate communication in connexion with the subject, - that it is under consideration

(2) Para 5. The Director should have ~~conducted the Land~~ taken steps earlier to ascertain whether the Forest Dept would be able to hand over a suitable piece of land ~~required~~ for the purpose of maintaining the Stock plantations.

(3) Para 6. The Director states that "the figure for febrifuge viz 1596 given in Column 2 of the Statement attached to para 6 of the Review of the Report for 1896-97 is no where given

given in the Annual Report for that year". His attention will now be drawn to the remarks made by him under the head "Febrifuge" in Sec IX of the Report where he has said "the quantity manufactured "during the year was 3,350 lb. and "this added to the Stock in hand "at the close of the year totals "4935 3/4 lb". It can obviously be deduced from this that the Stock of febrifuge in hand at the close of the previous year was, according to the Report 4935 3/4 minus 3350 lbs or 1585 3/4 lbs which in the review was taken in round figures as 1586 lbs.

(4) Para 7. The Director should arrange to obtain the latest available figures from the Acct General as indicated in para (12) of G.O. No 224 Rev: dy 7th March 1893.

28.8.97

The Director, G.C.P. Dbd. 18-9-97

27.VIII.97

So far as the office records show Mr Saunders did not state Febrifuge and Bark-oil under two heads. Mr Saunders informed me that they should be separated, he should not in respect of the sale returns have said what has been quoted. The Statement was drawn up by Mr Saunders at the time of the sale and that statement is proof of the fact. Mr Saunders has now added the word exclusive to Febrifuge and has not included the Bark-oil.

Para 7 does not call for any remarks Mr Saunders had not stated the proceeds of Febrifuge and Bark-oil separately in the returns.

Mr Saunders states that he treated the bark trees with the mixed oils. It appears from that he treated the bark trees each with the same mixture.

28.X.97

REVENUE DEPARTMENT.

When given for copying ____
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When signed ____
} 189.

READ AGAIN G.O., No 189 DATED

CURRENT No.

ENCLOSURES TO O. No.

ORDER OF GOVERNMENT	A	A	A	A	A	A	A
LETTER OF GOVERNMENT.							
STATEMENT WITH DITTO.							
PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.							

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