

Colonies

547 (B 3)  
1913

From Whom ...	Government Secretary
Place ... ..	Georgetown Demerara
Date ... ..	30th July 1913

Supply of 1,000 Mangrove seeds  
 from the Botanic Garden, Singapore  
 Report despatch of an incident  
 on the C. A. for them

Former Papers.

MINUTES.

Final Paper.

D. J. Gordon

Can this be arranged?  
14. 9. 13

C. S.

Yes at the next season. I cannot  
 furnish cost exactly.

Sy J. H.

14. 9. 13

2.. To Govt Secretary Demerara.

20. 9. 13.

Sy P.

To write. (Letter promised sent)

C. S. P.

20. 9. 13.

~~C.S.~~

Arthur

Ans.

26. 9. 13

Science and Agriculture Department,

Georgetown, Demerara,

11th March, 1915

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IN REPLYING QUOTE DATE

HEREOF AND NO.....5180/4811

*Mangroves*

25-5-15

Sir,

With reference to you letters of August 5th and August 21st 1914 relative to supplies of Mangosteen seeds sent under separate covers, I have the honour to thank you for the trouble you have so kindly taken in this matter and to report that the following results have been obtained:-

	<u>Seeds.</u>	<u>Germination.</u>	<u>Per cent.</u>
Shipment of August 5th	804	55	6.8
" " 21st (in moss)	150	52	34.7
" " 21st (in cotton wool)	100	62	62.0

Of the small supply of mangosteen seeds sent earlier which had been treated with absolute carbolic acid or other preservative none germinated all of the seeds were dead on arrival here.

I have the honour to be,

Sir,

Your obedient servant,

*J. B. Harrison*

Director

The Director of Gardens,  
Straits Settlements.

In

~~We are forwarding you today per post,~~  
~~250 Mangrove seeds, packed in two~~  
~~under two separate methods. Our object in~~  
~~you these seeds is to ascertain their germination~~  
~~power.~~

21-8-14

We are forwarding you ~~250~~ per  
 post 250 Mangrove seeds, packed in ~~two~~  
 & ~~two~~ separate methods. We have obtained  
 good results from other sources ~~by the use of~~  
 methods. Our object in sending ~~these~~  
 to you is to ascertain the quantity & percentage  
 of seeds germinated. We shall be in a  
 favour if you will help us in this matter.

Yours faithfully,

Prof. B. Harrison  
 Geophysics  
 Demerara  
 Brit. Guiana

- One tin containing 100 seeds packed in Cotton Wool.
- One tin " 150 " " ~~coconut~~ <sup>man.</sup> husk.

33 Mango tree. Seeds packed in  
was the same as sent to Brit: Guiana  
on the 21<sup>st</sup> Aug 1914 (the date of posting  
to Brit: Guiana) taken out from the Cigar  
tree this day = 55 days & down.

Feb

15-10-14

26<sup>th</sup> Aug 1911

Sir,

I have the honour to forward herewith  
a bill for \$4-25 being the cost of  
750 Mangosteen seeds supplied <sup>to the Govt. of Siam</sup> in full-  
filment of <sup>an</sup> order for 1000 seeds vide  
Colonies 5476 <sup>and</sup> for collection through Crown

Agents in the usual way.

\* You will observe that the crop of  
Mangosteens was good in this season  
hence the low price than the previous yr.

I have etc

for Director

Yours

Cd. Sec

\* Owing to this seasons good  
crop of Mangosteens, the price  
charged is low as compared  
with that of the previous yr of  
250 seeds despatched last year.

JTB

- 341 Kuantan (Tepoo)
- 342 "
- 343 "
- 344 "
- 345 "
- 346 "
- 347 " (Tepoo Batu)
- 348 Bukit Garling
- 349 Bukit Ubi Kuantan
- 350 Barran pahang (Melinia)

February 18th.

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Sir,

I have the honour to inform you that I have despatched to you today, by parcels post, 250 Mangosteen seeds.

These have been packed in six small tins, scrupulously following, in other particulars, the directions given in your letter of the 30th. July 1913.

Further supplies will be forwarded as available.

I have the honour to be,

Sir,

Your obedient servant,



Director of Gardens, G.S.

The Director of Science and Agriculture,

BRITISH GUIANA.

5th August, 1934

Sir,

With reference to your letter of the 27th July 1933, I have the honour to advise the enclosed list of 750 seeds (Seven hundred and fifty) of the long stem, which according to instructions received.

I am, Sir,

Yours faithfully,

(Sd.) J. Henry, B.A. 1913

Director of Gardens, Straits Settlements.

Copy of a letter to the Director of Science and Agriculture Department, submitted to the Honorable the Colonial Secretary with reference to file Colonies 5873/33.



Director of Gardens, S.S.



7th. January, 1914

Sir,

Your Government's order for 1000 seeds of the Mangosteen will be attended to when two months hence the mangosteen crop is at its height and the price lowest. But today I am sending to you 50 seeds as an experiment. These seeds have been washed in a weak solution of carbolic acid before packing, and the inside of the box has been sterilised with a strong solution. The seeds should reach you germinated and alive.

Would you please let me know how many are alive on arrival? Sterilisation seems to me to be an essential for success, but I have as yet no exact knowledge as to the best way of effecting it.

Yours faithfully,

Director of Gardens, C.S.

The Director of Science and  
Agriculture,  
Denerara.

Govt. Secretary Office  
Georgetown, Demerara.

30<sup>th</sup> July 1913

Sir,

I have the honour by direction of the Govt. to forward the enclosed copy of an Indian, in the C. Agents, in a supply of 1,000 grains of seed for this Colony from the Royal Botanic Garden Singapore and to ask you to be so good as to expedite the matter ~~and to~~ which should be backed, as indicated in the indent. The instructions in this regard being scrupulously observed, direct to B. Guiana. The Crown Agents have been requested to pay for the seeds on your certifying them of the cost.

I have the honour to be

Sir,

Your obedient Servant

The Honourable

Mr. C. L. ...

Instructions for packing seeds of  
Mangosteen (*Garcinia mangostana*) for B. Guiana

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The seeds should be packed in closely fitting tins (1) or light wooden boxes in dry charred rice dust (2) not more than five hundred seeds should be packed in each package which should weigh when full between 9 and 10 lbs. in order that they may be tightly enclosed in light "bagging" wrapper and forwarded by parcel post. The maximum weight allowed for parcels being not over 11 lbs. The seeds must be sent by parcel post to ensure rapid transportation and no time should be lost in packing the seeds after they have been collected and in shipping them and to ensure that no delay shall take place in obtaining delivery in this colony each parcel should be addressed to the Director, Science & Agr. Dept. B. Guiana.

- (1) Tins must not be hermetically sealed.
- (2) Containing not more than 5-6 per cent of moisture. This degree of moisture is best obtained by exposing the char to the air for a few days.