

C.S.

|   |
|---|
| INDUSTRIES<br>(Agriculture)<br>(Tussac) |
| No. <b>273/25</b>                       |

1925.

Mr. Roland McKee

SUBJECT.

1925.  
9th February

Applies for a supply of Tussac grass seeds for United States Department of Agriculture.

Previous Paper.  
*AM/22*

*Pl. 17/10/25*

MINUTES.

*Letter from U.S.A. Dept of Agriculture of 9th February 1925 - Encl (1)*

*Forest Officer*

*Will you please say in which month the seed could be procured.*

*W.H. 13  
O/c Sec  
6 May 1925-*

*O/c Sec.*

*The months of August and September is the best time to collect Tussac seed.*

*J. Reid  
Forest Officer  
11/5/25*

Subsequent Paper.

*Letter to U.S.A. Dept. of Agriculture, 13th May, 1925. (2)*

*Letter from U.S.A. Dept of Agriculture of 31st March 1925 (3)*

Wm. S. Roberts  
1925

Forest Officer,

The request for the plants has been made on the assumption that it is not possible to procure viable seed. Would you please say if you can test the germinating strength of the seed collected.

2. You have stated in another paper that it would be possible to collect seed heads for sending to England. If you consider that viable seed can be transported in the heads, it would be preferable to send a quantity of seed heads instead of plants.

W. S. Roberts  
4 Aug 1925

O. C. Sec.

It is quite possible to secure viable seed.

2 I can test the seed collected in a simple form, to be able to get a rough idea of the germinative capacity.

3 Seed heads can be transported <sup>more</sup> easily than plants, and with better results.

J. Reid  
Forest Officer  
4 August 1925

Y.E.  
I have held up this paper pending a decision on the matter of the collection of seed heads asked for by Messrs Carter (M.P. 479/25)

2. If it is decided to comply with Messrs Carter's request would Your Excellency be pleased to approve of a quantity of seed heads being collected for sending to the U.S. Dept of Agriculture.

Y.E.

24 Aug 1925

24 Aug 1925

[See on M.P. 717/25 for D.C. instructions as to "Afterglow" proceeding to Kidney Island to collect seed heads of *Suaeda frutescens*]

Extract from Minute of 26. XI. 25 from Col. Engineer on M.P. 717/25

"The Afterglow went to Kidney Island on 19<sup>th</sup> Nov. and 14 bags of seed heads were gathered. On Monday the 23<sup>rd</sup> the seeds were taken to Sulwan House and placed in one of the outhouses."

Y.E. Submitted for Y.E. instructions.

D.C.

4/1/26

H.P.S.

Tupac sea is being dried out is  
not yet ready for despatch.

M.  
H. Lang, 14/26

Forest Officer,

Will you please say how this  
matter now stands.

W.L.  
for C.S.  
19 Febry 1926

Hon. Col. Sec.

There is a quantity of seed  
allotted for U.S. Dept. of Agriculture  
along with other applications.

2. The seed is now quite ready  
for despatch. Should the packages  
be forwarded to you?

J. Reid  
Forest Officer  
17. 2. 26

Hon. Col. Sec.

Herewith returned are 6 packages  
of seed addressed to the following, for despatch.

1: The Royal Botanic Garden 2: Earl of Enniskillen  
Edinburgh Ireland.

1: The Royal Botanic Gardens 1: U.S. Dept. of Agriculture  
New. U.S.A.

1: Messrs. Barter & Co.  
Raynes Park.  
London.

J. Reid  
Forest Officer  
19 Febry. 1926

V.C.

Submitted for instructions with regard to the packages addressed to Lord Enniskillen and the Kew Gardens.

2. With regard to the other two packages the U.S. Dept of Agriculture and Messrs. Carter & Co will be informed that these are being sent.

encl. 13  
for U.S.  
19 February 1925

H.P.S.

Parcel posted  
14 March 1925  
E.S.

D. Hill (Kew) has already had supplies of *Dryas* sent & has asked for more: the parcel of seed can be sent to the Director Royal Botanic Gardens, Kew, saying: a formal letter can accompany to which accompanying private letter can be attached.

Parcel posted  
14 March 1925  
E.S.

2 Parcel for Edinburgh, can be addressed to the Curator, The Royal Botanic Gardens, Edinburgh. formal letter can go saying seed is being sent.

Enclosed to  
M. P. 479/25

3. Application from Carter & Co (in 449/25) for seed is on behalf of Lord Enniskillen with whom I have been in correspondence. The supply is sent in order to enable them to carry out threshing & cleaning: after this

they can carry out such experiments as they wish to. } Excerpted to M.P. 479/25

H. M. parcels addressed to Lord Sussler should be sent direct to him: no letter is necessary: the M.P. office has written to him supplying information about before.

Parcel posted 4<sup>th</sup> March 1926 R.S.

5. Dept of Agriculture Washington can be informed that it has Mr. M.P. permit to send plants that a supply of seed is being sent. It should be explained that the seed has been collected on an island where the pop grows luxuriantly & that it is hoped that this seed, which has been carefully dried, will germinate.

Parcel posted 4<sup>th</sup> March 1926 R.S.

M.  
25 May 1926

- Note from Governor. 26<sup>th</sup> Aug 1926. 4.
- Letter to Director Royal Botanic Gardens, Kew. 12<sup>th</sup> Nov 1926. 5.
- Letter to Curator Royal Botanic Gardens Edinburgh. 1<sup>st</sup> Mar 1926. 6.
- Letter to U.S. Department of Agriculture. 1<sup>st</sup> Mar 1926. 7.

Parcel posted to Sir W. Allardyce Newfoundland 4<sup>th</sup> March 1926 R.S.

H.P.  
With reference to the consignment of seed sent to Sir W. Allardyce, does H.P. wish to write to Sir William?  
H.P.  
4/3/26

H.P.S.  
Private Letter to Sir W. Allardyce herewith

2. Enclosure (4) is kindly appropriate for an official record & if record is necessary will you please have my private note typed & I shall write to it. On 6 March 1926.

Incl. (C) was a semi-official note from J.E. Inspect demanding Col. Secy. that a small supply of "Seed" ~~to~~ shd. be sent to Newfoundland. It is not necessary to retain it on record now and it has therefore been withdrawn

- 8. Letter from Regius Keeper R. B. P. of 15/4 April. 1926.
- 9. Letter from Director R. B. P. of 20 April 1926.
- 10. Letter from Botanist in Charge of Agriculture Explorations of 24 May 1926.

Yb. Submitted for information.

W.H.P.  
Dife cut.  
28 July 1926.

D.  
28. VII. 26

- 11. Lett. from the Director, Royal Botanic Gardens Kew. of 20th April 1926

Yb. Submitted for information.

W.H.P.  
Dife cut  
18 Aug. 1926.

No action required  
D. 18 Aug. 1926



UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON

FOREIGN SEED AND PLANT INTRODUCTION

February 9th, 1925.

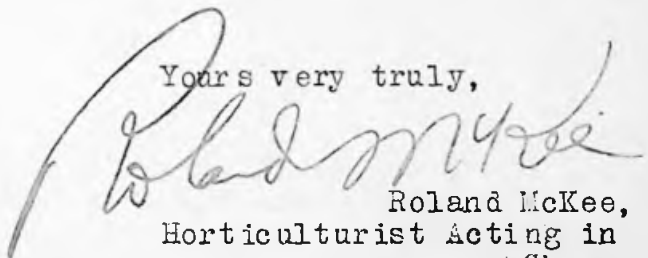
H. Henniker Heaton, Esq.,  
Colonial Secretary,  
Stanley, Falkland Islands.

My dear Sir:

The Office of Forage-crop Investigations of this Department is anxious to secure about one (1) pound of seeds of Tussac grass (Dactylis caespitosa).

If you could supply this material for us, we should appreciate your courtesy very greatly, and would be glad to reciprocate your favor in any way possible.

Yours very truly,



Roland McKee,  
Horticulturist Acting in  
Charge.

PR-M



273/25.

13th May,

25.

Sir,

I am directed by the Governor of the Falkland Islands to acknowledge the receipt of your letter of the 9th February, asking to be supplied with one pound of Tussac grass seed, and to inform you that the seed will be sent to you when it is available in September next.

I am,

Sir,

Your obedient servant,

G. R. L. Brown.

for Colonial Secretary.

Roland McKee, Esq.,

Horticulturist Acting in Charge,

United States Department of Agriculture,

Bureau of Plant Industry,

Washington.

UNITED STATES DEPARTMENT OF AGRICULTURE,  
BUREAU OF PLANT INDUSTRY,  
FOREIGN SEED AND PLANT INTRODUCTION.

CARE I. P. ROOSA,

U. S. Dispatch Agent,

2 Rector Street,

NEW YORK.

From

## F I S C A L   R E Q U I R E M E N T S

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Reimbursement for expressage, rail freight, or ocean freight *can not* be made on this voucher unless a receipt is attached showing that such charges have been paid.

In order to avoid delay in payment, accounts on this voucher must be stated in the currency of your own country (*not* United States Currency).



## INSTRUCTIONS.

1. This form should be used in stating accounts for supplies furnished, and for services rendered by corporations, firms, and individuals not officially connected with the U. S. Department of Agriculture, except accounts for transportation, express, and advertising, for which special forms are provided. *It must not be rendered in duplicate.*
2. Accounts of each bureau or division must be rendered on separate vouchers.
3. Prepare the account in the name of the corporation, firm, or individual to whom payment is legally due.
4. When supplies have been furnished upon a contract, accepted proposal, or other written agreement, the articles should be so described as to make comparison and identification easy and certain.
5. The signature of a corporation should be made in the following form: (1) the legal corporate title of the company; (2) the autograph signature of an officer or other representative of the company competent to certify to the correctness of the account; (3) the title of his office or the designation of his position in relation to the company. For example: "Dennison Manufacturing Company, per Albert Metcalf, Treasurer."
6. A signature by a duly accredited representative of a firm or unincorporated company must be made in a similar fashion. For example: "Geo. W. Myers & Co., per C. D. Lucas, Cashier."
7. The payee's name must be in exactly the same form at the top of the voucher and in the signature to the certificate. A signature by mark must be attested by one disinterested witness, whose address must be shown.
8. The accounting officers of the Treasury will not accept vouchers containing explanations, additions, alterations, or changes of any kind as evidence in supporting claims for payment except such as may be made by the claimants over their signature or initials.

### METHOD OF OR ABSENCE OF ADVERTISING.

(See Section 3709 of the Revised Statutes, and amendment thereto relative to the Department of Agriculture, Statutes at Large 30, p. 957.)

1. After advertising in newspapers.
2. After advertising by circular letters sent to.....  
dealers and by notices posted in public places.
3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising and upon noncompetitive quotations, the aggregate amount involved in the particular purchase of supplies or engagement of services not exceeding the sum of \$50.
5. Without advertising, it being impracticable to secure competition because of \* .....

### FORM OF AGREEMENT

- A. General supply committee contract.
- B. Under formal contract dated ....., 19.....
- C. Under written proposal and acceptance filed in Treasury on.....
- D. Under less formal agreement .....  
(State character.)

\* Among the reasons which may be assigned as making competition impracticable (section 5 on this fold) are the following:

- (a) Under a formal contract for construction, there arises a necessity for additional work practicable of performance only by the contractor.
- (b) The articles wanted are patented or copyrighted and not on sale by dealers, but by the owners of the patent or copyright or their agents or assigns alone, at a fixed and uniform price.
- (c) There is only one dealer within a practicable distance from whom the articles can be obtained.
- (d) Prices or rates are fixed by legislation, either Federal, State, or municipal; or by competent regulation.
- (e) Previous advertising for the identical purchase has been followed by the receipt of no proposals or only of such as were unreasonable, and under circumstances indicating that further advertising would not alter results.

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON

3

FOREIGN SEED AND PLANT INTRODUCTION

March 31, 1925.

H. Henniker Heaton, Esq.  
Colonial Secretary,  
Stanley, Falkland Islands.

My dear Sir:

During my recent absence in South America, this office wrote to you regarding Tussac grass - Dactylis caespitosa - of which we desired to secure one pound of seed.

My colleague who wrote the letter was not aware that we have on several previous occasions requested from your Government aid in securing this material, and that you had very generously sent us living plants which, however, failed to reach us in good order. I want to explain, therefore, that in forwarding this recent request we were moved by an inquiry received from one of the experts of the Department who has been urging us to import this plant for some years now.

We have had great difficulty in this matter. Your people have advised us that the seed is hard to secure, and as noted above, a shipment of live plants sent two or three years ago did not withstand the voyage. We feel that tussac grass might prove extremely valuable as a forage crop in Alaska and other cold, moist regions. We are therefore extremely desirous of establishing it in this country so that we can propagate it for distribution to regions where it is likely to succeed.

We hesitate to ask this favor when there is so little opportunity of returning it, but the matter is so important that I am taking the liberty of presenting it again. If your Forest Officer, or one of your colonists who is familiar with packing and shipping live plant material, would be willing to send us another box of plants, we would be more than grateful, and glad to pay the expenses connected therewith. The last shipment came in a wardian case. This, we believe, is an undesirable method of shipment, for it is hard to insure its being carefully handled on the voyage, particularly when it is transferred from one boat to another. If one dozen clumps of this grass, with soil around the roots, could be tightly packed in a wooden case, the roots toward the ends of the case and the tops toward the center, leaving an air space in the center, we believe the material might come through in good shape. If waxed paper could be used to wrap the clumps separately, it would add to the likelihood of their coming through alive. If this is not available, we believe the clumps could be tied up in burlap or other material to keep the soil from falling from the roots.

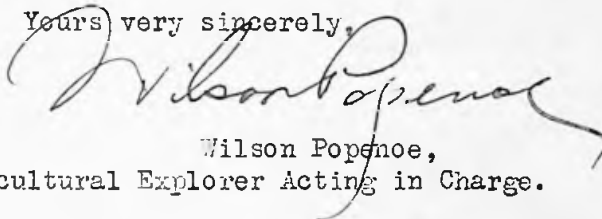
I am assuming that you cannot secure viable seed. This is on the basis of previous information from the Falkland Islands. We have been told several

times that it is difficult or almost impossible to obtain viable seed from this plant. We would, of course, prefer to have seed if it can be secured.

In the event that you can arrange to supply plants, they should be forwarded in care of our New York Despatch Agent, I. P. Roosa, 2 Rector Street, under the enclosed tags. We are also enclosing a voucher for use in stating the expenses incurred in connection with this matter.

We should be very grateful indeed for your good offices in this connection. I trust you will be willing to assist us, realizing that the introduction of this plant in regions where it will succeed and where other forage crops are scarce, may prove of great benefit to the world at large.

Yours very sincerely,



Wilson Popenoe,  
Agricultural Explorer Acting in Charge.

P-N.  
Encls.



273/25.

1st March,

26.

Sir,


I am directed by the Governor of the Falkland Islands to inform you that a parcel of tussock seed is being despatched to you by the s.s. "Magellan" on the 3th inst.

2. A private letter from His Excellency is attached.

I am,

Sir,

Your obedient servant,

  
Colonial Secretary.

The Director,  
Royal Botanic Gardens,  
Kew,  
Surrey.

273/25.

1st March,

26

Sir,

I am directed by the Governor of the Falkland Islands to inform you that a parcel of tussock seed is by His Excellency's instructions being despatched to you by the s.s. "Magellan" on the 8th inst.

I am,

Sir,

Your obedient servant,



Colonial Secretary.

The Curator,

The Royal Botanic Gardens,

Edinburgh.

273/25.

1st March,

26.

Sir,

With reference to your letter of the 31st of March, 1925, requesting that your department might be supplied with a number of living tussock plants, I am directed by the Governor of the Falkland Islands to inform you that it has not been possible to send plants but that a supply of tussock seed is being despatched to you by the s.s. "Magellan" on the 8th inst.

2. I am to explain that the seed has been collected on an island where the grass grows luxuriantly and that it is hoped that this seed, which has been carefully dried, will germinate.

I am,

Sir,

Your obedient servant,



Colonial Secretary.

The Agricultural Explorer in Charge,

United States Department of Agriculture,

Bureau of Plant Industry,

Washington, U. S. A.



ROYAL BOTANIC GARDEN,  
EDINBURGH.

15th April 1926.

Sir,

I beg to acknowledge your letter of the 1st March and the receipt of a parcel of Tussock seed which is very welcome. I would ask you to convey to His Excellency the Governor of the Falkland Islands my appreciation of his kindness in sending seed of this rare plant.

I am,

Sir,

Your obedient servant,

Regius Keeper.

The Colonial Secretary,  
Stanley,  
Falkland Islands.

All communications should be  
addressed to—

THE DIRECTOR.

ROYAL BOTANIC GARDENS,

KEW, SURREY.

20th April, 1926.



Sir,

I have to acknowledge the receipt of your letter No. 273/25 dated 1st March 1926, and to inform you that the parcel of Tussock Grass seed, which His Excellency the Governor has so kindly sent, reached me in safety. I have written to His Excellency privately on the matter.

I am,

Sir,

Your obedient servant,

*Arthur Hill*  
Director.

The Colonial Secretary,  
Colonial Secretary's Office,  
Stanley,  
Falkland Islands.

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON

FOREIGN SEED AND PLANT INTRODUCTION

May 24, 1926.



The Colonial Secretary,  
Stanley, Falkland Islands.

Dear Sir:

We are in receipt of your letter of March 1 and the seed of tussock grass which you so kindly sent in response to our request of March 31, 1925. You will be interested to know that it arrived in good condition, and we are hopeful that we will be successful in propagating it. We greatly appreciate the trouble you have taken to assist us in our efforts to establish this grass, which should prove extremely valuable as a forage plant in Alaska and other cold regions.

If there is any way in which this Department can reciprocate, I trust you will not hesitate to call upon us.

Yours very truly,

*John A. Stevenson*

John A. Stevenson,  
Botanist in Charge of Agricultural Explorations.

N.

All communications should be  
addressed to —

THE DIRECTOR.

ROYAL BOTANIC GARDENS,

KEW, SURREY.

20th April, 1926.

My dear Middleton,

Many thanks for your letter of February 25th last and for the further consignment of seed of the Tussock Grass for experimental purposes. I have sent this to several correspondents in Scotland and Canada and I very much hope that successful results will be obtained. I have not yet heard from all those to whom I sent the former supply of seed as to how it has germinated, but you will be glad to hear that the seed we kept at Kew has germinated very well. I think, therefore, that with the two consignments you have so kindly sent there is some chance of getting it established in this part of the world.

I hope when next you write that you will be able to give me some further account of your forestry experiments, as I should very much like to know how the young trees are doing and whether you expect that the work will ultimately be successful.

With kind regards,

I am,

Yours sincerely,

*Arthur Hill*

His Excellency the Governor of the Falkland  
Islands,  
Government House,  
Falkland Islands.