

C.S.

<u>L A N D.</u>	
(Pastures.)	
No.	150/35.

193 5.

C.S.O.

SUBJECT.

193 5

IMPROVEMENT OF PASTURES.

Proposal to apply for a grant from Colonial Development Fund for:

Also to defray the cost of a visit of an expert to advise in this capacity.

Previous Paper.

MINUTES.

 S E E
 I N S I D E

Subsequent Paper.

C.S.

Land
Pastures

1935

No.

150/35

SUBJECT.

Improvement of Pastures

Proposal to apply for a grant from
Colonial Development Fund for:

also To defray the cost of a visit of an
expert to advise in the Dept capacity
27/3/35

Paper.

MINUTES.

①

Copy of minute taken at conference
of ~~Salisbury~~ 7th May 1935

H. Submitted. Before leaving Stanley
Mr. Goddard and Mr. Pole Evans
came to see me and said they
thought the brackets part of resolution
should be omitted when J.R. communicates
with the S. of S.
MCH
21.5.35

No the whole resolution must p. It
will not affect the incidence of cost.

I would like an estimate of the cost
of a visit based say on Dr. Wreghitt's
visit but allowing for say 3 months ^{leave}
in the Colony. Will you please return
the Col. Dev. Fund file when returning
This report 2/2/35

Subsequent Paper.

M. D. Reford was here about
one year. Cost was as follows

Salary £1000.

House
allowance 50

Passage 140
£1190, or say £1200

The cost of an officer with salary
at £800 p.a. for 3 months with
addition of salary during voyage
and from the colony would approximate
£330 and return passage £140, or
say £500 allowing for incidentals.

2. Colonial Development file
attached.

MCH
C.S.

23. 11. 55

It is necessary in making the application
to strengthen it by every means in our power.
As you are aware vide ref 3 in 396/29 Grants-in-
Aid are made to Colonial Governments for the
purpose of aiding and developing agriculture, industry
in the Colonies thereby promoting commerce with the
U.K. Our commerce with the U.K. is entirely based on
wool, and dependent on profitable sheep farming.
This should be provable beyond question by taking note
in graph form if necessary (a) annual value of wool + tallow
and (b) annual value of imports from the U.K. Our Blessings
should be both these figures and I w. like to see them
for 25 or 30 years. Will you please have the
tables prepared.

MCH 31/11/55

yft.

Graph submitted together with table thereon showing value of Imports and Exports for years 1905 to 1934 and percentage of imports to exports.

From 1905 to 1917 records of imports into the Colony and Dependencies were not kept separately. The peak year was 1917.

The graph was prepared by Mr. W. D. N. Jones of this office.

MCH
CS.
11.5.35

With draft despatch for printing (unless you have suggestions to make in connection with it). The schedule referred to is part of enclosure (25) in W.P. 296/29 copies of which will have to be made and filed in 2. Mr. Jones' graph is a very good bit of work on which he is to be congratulated.

17/VI/35

On further reflection the last sentence of the Resolution can be omitted as it is

wished in It appear as though it
had been suggested that the research work
might be carried out at the expense of
the Army That was not the case

~~W.D.H.~~

M^r W. D. H. Jones.

To note para. 2 of H.C.'s minute
of this day date.

MCH
es.
17.6.35

Hon. Col. Sec.

Noted, Thank you - I am
deeply grateful for His Excellency's very kind
remarks concerning the service I was
privileged to render in his respect.

W.D.H.
18/6/35.

Fair draft pt.

~~W.D.H.~~ 19/11/35

Despatch to S. of S. no. 85 of 22/6/35.

(2-12)

Yt. Despatch submitted.

MCH
es.
15.7.35

I have altered the second schedule
which sh^d be put by per ~~W.D.H.~~

~~W.D.H.~~ 16/11/35

PA
7/7/35

13. Telegram from S. off. no 74 of 11/9/35.

M/L. Submitted. This seems most promising. Experimental plots could be planted this summer at various places on the E. and W. Seeds and manure might be obtained as suggested. We expect some seed shortly for planting at the old W.F. Station paddock - this will serve also as an experiment as the ground is all pear.

MCH
 12.9.35

I agree. We should press forward with this. In replying please say that I am grateful for encouragement given to the scheme under reference and ask for suggested area of plots saying that I hope to get at least 12 prepared and fullest instructions ~~as possible~~ ^{and} should come with the seeds.

MCH 12/9/35-

Telegram to S. of S. No. 61 of 12/9/35. (14)

✓
MCH
P.A. 12.9.35

Telegram from S. of S. No. 77 of 20/9/35. (15)

M. Submitted. P.I. might
consider and recommend areas
suitable for the experiments on
E. and W. Falklands?

I think one area should be
on the Common as some of
this is typical of what is
known as bad camp.

MCH
C.I.
23.9.35

The following farms can be
asked if they will prepare plots

E. Falklands Teal Inlet

Port San Carlos

Port "Lepina" (2 plots)

W. Falklands Hill Cove

Charles East

Fox Bay West

Port Stephens

Pebble

The above are places where we
can be sure of proper care being taken

Any two you like can be added. I don't say P/Luis North would also do the work thoroughly.

As regards Stanley I agree for the twelfth if the work can be done with a minimum of expenditure. We have not the same facilities as a farm. The S/T might advise.

A notice might be published in the Penguin on this.

~~W.H.~~ 23/9/35

Store Inspector,

Will you please advise regarding the proposal to plant an area of half an acre on the Common, stating the approximate cost.

MCH
—
cl.

23.9.35

Hon. Col. Sec'y.

I have selected half an acre of land in the vicinity of Phillips's Point which I recommend should be used for the purpose of experimental planting. I would state, however, that on account of the season of the year, it would not be advisable to turn the ground over to a depth of more than six inches. Loose soil which is near at hand could be wheeled in and used as a top dressing.

I estimate that the erection of an enclosing fence (exclusive of the cost of materials), the turning over of the ground and the wheeling in of loose soil would cost approximately £40, provided the work is given out contract.

A. M. Bonner
Stock Inspector.
26/9/35.

Regarding plots in Laponia have asked Mr. Creaser to ask Mr. Goodland to speak on phone a.s.p.

Rang Teal Sales but could not get Mr. Felton - asked Miss Felton to tell him to speak on phone.

Spoke Mr. John Bonner. He will be very pleased to plant 1/2 an acre. Arranges for Mr. Bonner to pass word to Mr. Anderson. Mr. Bonner said he felt sure Mr. Anderson would plant a plot of land.

1. To plant a plot on the Common will cost apparently about £50. I fear the cost is too high. I think the piece of land already prepared at the old W.F. station paddock will be sufficient.

2. I am speaking with Mr. Goddard re plots in Laporia. I expect to get in touch with Mr. Sutton today.

Mr. John Bonno has a piece of ground ready. He has kindly arranged to get Mr. Anderson of Port San Carlos to get a plot ready.

3. As time is getting on it will be necessary to ask Farmers on W.F. by telegram, otherwise they will be planting oats on ground prepared.

4. Note for 'Penguin' put

up.

I agree

all above good

27/9

McH

CS.

27.9.55

Mr Goddard will plant two
1/2 acre plots in Laponia

Mr Fenton will plant 1/2 an
acre at Turk Salt.

Telegram to Operator, Fosc Bay, 27/9/35. (16)

Notice regarding Improvement of Pastures in Colony,
for insertion in the News-Sheet "Penguin". (17-18)

Notice (18)
Sent to Editor
"Penguin".

✓
MCH
CH

27. 9. 35

PA

Telegram from Operator, Fosc Bay, 30/9/35. (19)

Telegram to Mr. Styles, Fosc Bay, 30/9/35. (20)

p.a.

✓
MCH

30. 9. 35

Telegram from Operator, Fosc Bay, 1/10/35. (21)

B. J. 20. 10. 35
MCH. 1. 10. 35

Telegram from S. of S. No. 80 of 9/10/35. (22)

M. Submitted. I will ask the Coy to deliver the seed and manure as soon as possible after "Lafonia" arrives. It will be necessary to divide it up for sending to the Farms but it is possible there will not be time to get it away by "Lafonia" on the 29th.

2. All farms asked on East and West are preparing plots for planting.

MCH
 C.S.
 9. X. 55

~~10.10.55~~

Mr. Andreason spoke to me this morning and said he had a plot of land ready.

MCH
 C.S.
 10. 10. 55

B.G. 28. 10. 55
 MCH 10. 10. 55

Hon. S. M. O. ^{MS} 19/10/35

Hon. G. Roberts C.M.C. 22/10/35

Hon. A. L. House M.B.E. arr

To see. 18 or 35

MCH
C.S.
18. X. 35.

Stock Inspector.

Will you ascertain if the seed and manure has arrived and if so arrange to obtain it as soon as possible.

The seed should go out by this "Lafonia". Please speak to me about it.

MCH
C.S.
28. X. 35

~~MS~~
cf. 28/10/35.
C.S. 22/10/35.

Hon. Col. Sec.

The seed & manure have been received & the specified quantities made up into lots for despatch by this "Lafonia"

A. M. Bonner
Stock Inspector.
29/10/35.

First Shipping Advice of 18/9/35.
19/9/35.

22 - 25
(26)

Letter from Snow Agents of 27/9/35.

27/29.

3rd S. despatch No. 118 of 27/9/35.

30 - 54.

559

Circular letter to Managers
Gorur Station. 29/10/35

YH

Despatch from the S. of S.
Submitted.

2. After some trouble the
Seed and manure was despatched
to the East and West by the
"Lafonia". The Seed and manure
were placed in charge of the
mail officer who was instructed
regarding delivery to the Stations
concerned.

A copy of the memorandum
showing how each plot should be
dealt with was sent with the
seed.

MCH
CS

29. X. 35

Gov. Draft despatch put up.
still 30/10

60-61

Despatch to S of S. No. 154 of 3/11/35.

YH

Despatch Submitted.

MCH
CS

4. XI. 35

still 5/11

Telegram from the Manager, Pebble of 4/11/35. (62)

6/11/35. (63)

I fear that the rush in getting the grass seed and manure away in time has led to some confusion. Time did not permit of getting the bags from the "Lafonia" or of opening them. The bags contained different sorts of manure and some Stations will receive what others have not and vice versa. Some Stations will probably not follow the sub-division plot experiment.

2. It is too late to call in the manure as by now most ploughs will have planted the seed. I propose to tell Mr. Barton to experiment with the materials he has for plots 1, 4 and 5.

McH.
6. XI. 35

I regard this as very serious. Is there no way of disentangling it? The Manager, Pebble and other managers are attending a doctor's meeting about now.

Were not bags properly labelled? I do not see why confusion should have arisen. Explanations in writing are required from the officers responsible. Each of the farmers should know what they ought to have got. ~~As it is too late to~~

~~McH.~~ 8/11

- (64) Telegram to Othley, Fox Bay of 7/11/35.
 (65) _____ Managers, Pebble Island 7/11/35
 (66) Receipt in respect seed etc.
 (67) Telegram from Opr. Fox Bay 11/11/35
 (68) Telegram from Opr. Fox Bay, of 15/11/35.
 (69) Telegram from Opr. Fox Bay 17/11/35
 (70) Telegram to Barton, Pebble Is. of 27/11/35.
 (71) Telegram from Operator, Fox Bay of 5/12/35.
 (72) Letter from Mr. W. H. Clement 17/12/35

See Statement regarding grass seed
 and artificial manures sent to
 Stations and reasons why part only
 of manures was delivered.
 MCH
 17. 11. 35

Stock Inspector spoken re grass seed
 and manure returned from E. Fox
 Bay Station and instructed to obtain
 delivery of same and place in
 Customs Shed.
 MCH
 21. 11. 36

Stock Inspector

Please see refs 73-74
 regarding reports on the grass
 seed and artificial manures received
 in October, 1935, and the reasons
 why the full quantities of manures
 were not delivered at each Station
 when the grass seed was sent

Recalled.

our.

2. Have you received the
Seed and manure returned by
E. Fox Bg Station?

3. Please state hereon the
description of manures still
on hand and the quantity
of grass seed.

MCH
C.
29.1.36.

S. of S. despatch no. 149 of 18/12/35.

75-77.

Hon. Col. Sec.,

The consignment of fertilizer and seed arrived at Stanley per s.s. "Lafonia" on the evening of the 26th October, 1935. During the course of the afternoon of the 29th October I was called to your Office. You informed me of the arrival of the grass seed and manures and expressed His Excellency's wish that I should endeavour to arrange its dispatch by the "Lafonia" leaving the following morning to the stations mentioned on the list you handed me at this interview.

I proceeded to the F. Is. Co's. East Jetty, where the seed and manure had been landed and arranged for 20 bags of manure and 10 bags of seed to be again placed on "Lafonia" for shipment to the stations mentioned.

I would state here that at the time I had not been handed any invoices to guide me as to the contents of the bags.

As I considered it necessary to obtain a receipt for each delivery, I had a copy of your list typed in the Post Office and a form of receipt appended thereon. I am unable to say whether or not this list was copied correctly as your draft was destroyed

at/

at the time.

On my arrival on the West Falklands on the 11th November Mr. R. C. Pole-Evans informed me that it was too late for him to plant the seed and that he was returning it along with the manures by this same voyage.

On my arrival at Chartres the Manager, Mr. K. Luxton, informed me that he had had the ground prepared as instructed by you, but that he considered the season too far advanced to plant this seed. I might mention, however, that he utilised this ground a day or two afterwards for planting oats. The manures have since been returned to Stanley but the seed retained.

With reference to your Minute of the 29th January, I beg to state that the seed and manures have not yet been returned from Fox Bay East.

The stocks remaining of Fertilizers and Grass Seed are as follows :-

Red 78.		Super-phosphate.	Basic Slag.	Basic Slag.	Total Fertilizers.	Total Seed.
Rock Mineral (56 lb)	C.C.F. (56 lb)	(56 lb)	(112 lb)	(56 lb)		
4	4	4	4	3	19	1 bag.

Of the above quantities 1-cwt bag of basic slag and $\frac{1}{2}$ -cwt C.C.F. was returned from Port Howard in a damaged condition.

A. M. Bonner
Stock Inspector.
3/2/36.

79-80

S of S despatch no. 1 of 10/1/36.

Yh. Submitted. A statement is put up in reeds 73 and 74 regarding the grass seed and artificial manures. The W. F.

Farmers were in no way helpful. When I spoke with Mr. Pole Evans before his departure for the W. F. last October, I understood him to say that the seed had come out too late and that in any case the experiments should be carried out on rough ground and not that which had been ploughed and that an expert was required.

Mr. Clement at Ince Bay informed me that he had no means of ploughing ground and could not plant the seed.

On the contrary Farmers on the E. F. were most helpful particularly Mr. John Bonner and Mr. Filton in carrying out the experiments.

W. C. H. S.

21. 2. 36.

possible to ensure against

Yes

This is very unsatisfactory though you did everything. The Stock Inspector and the Mail Officer working together could have done what was required. It should have been perfectly obvious that without clear labelling (after careful sorting) and personal delivery a muddle would occur which would reflect discredit on the Government. If there is any recurrence of anything of this kind disciplinary action will follow.

1. The West Falkland farmers also show up badly. It is difficult to understand the attitude of Messrs. Lushin & Evans if they received their correct consignments.
2. We should ask for return of unused consignments.
3. Have you got the detailed cost of the seed or sent out?

~~W. C. H. S.~~ 21/2/36

Stevie Inopretu, please see me
with the papers. MCH
22. 2. 56.

P.I. in camp.
Returns about
5 March. MCH

Grass seed received in October 1955:-

- 90 lbs rye grass
- 90 " cocksfoot.
- 24 " crested dogstail.
- 12 " rough-stalked meadow grass.
- 12 " wild white clover
- 24 " other odd lots

252 lbs total cost including bags
but excluding freight
£ 25-10-9.
Receipt 19/1-

Artificial manures:-

60 bags of various, cost
including bags
£ 12-15-3. (Receipt
not included)

Receipt
£ 4.17.3

In hand 1 bag grass seed about 21 lbs
and 19 bags artificial manures.

Not returned by E. Inobay 1 bag of
artificial manures and 1 bag of
grass seed. Nam asked Mr. Clement
to return this if he does not intend
using it.

MCH
24. 2. 56.

C.C.

Do you know when the P.I.
is due back?

MCH
9. 2. 56.

A. Letter from Hon. N. Keith-Cameron, 13/2/56

A.S.

The Stock Inspector is at present on Speedwell Is. and I have not been able to ascertain when he is likely to return.

A.S.
C.C.
10/31/36

I have seen the Stock Inspector who brought this up to me. A private letter received from Mr. J. F. Banner is quoted in an article enclosed for publication. The fact that he sowed successfully in January and February shows what nonsense those W/Falk leaders spoke ^{who} ~~that~~ they said that the seed was received too late. He has genuine hopes of improvement on a large comparatively large scale in view of his success with a bag of seed without manure which he got by mistake.

I would like the cost of one experiment including freight or worked out please

A.S.
26/3/36

The cost of a consignment similar to that previously obtained would cost £47-2-3 landed at Stanley, as follows:-

252 lbs pass seed	£29-9-9
36 cwt manure	17-12-6
	<u>£47-2-3</u>

The above includes freight and other charges.

2. The pass seed works out at about $2\frac{1}{4}$ per lb. If this quantity (252 lbs) is divided into 12 lots of 21 lbs each the cost to a station would be £2-9-0, plus a few shillings freight from Stanley.

3. The manure works out at $9\frac{1}{2}$ per cwt. and if this is divided up into 12 lots each 3 cwt the cost to a station would be £1-9-4, plus freight from Stanley.

WCH
 26.3.36

Will you please send enclosed as a circular to all farm managers

WCH 30/3/36

Circular letter to all Farm Managers of 1/4/36 82-84.

Y/h.

Permit as recd 84 together with a copy of the article from the "Penguin" has been sent to farmers.

MCH.
2.4.36

Thank you

~~MCH~~ 3/4/36

Will you please give direction that one bag of the manure returned - that described as damaged - can be taken delivery of by the Swinburn gardeners (to suit by it in the fore lawn here

~~MCH~~ 3/4/36

Common Ranges
(in absence of S.I.)

Will you please issue 1 bag damaged manure (basic slag) which was returned from Post Howard. The lorry can deliver it to the Govt House Gardeners.

MCH.
cb.
5.4.36.

How bel Sec.

delivery of 1 cwt bag of Basic Slag (damaged) has been made today.
Letter to Hon. Mr. Keith Cameron of 6/4/36.

(85)

B. Hensch.
S.C.R. 3/4/36.

- 86. Letter from W. Lohment of 16/4/36.
- 87-88. ——— S. Miller of 15/4/36.

Note: on the return of the S.D. please ascertain if there is a supply of seed and manure available for immediate issue. J.G.C.S. 27/4/36

B.F. 5/5/36.
if

- 89. Telegram from Rushton, Chartres of 28/4/36.
- 90. Draft letter to Mr. R. Greenhields of 25/4/36.
- 91. Letter to R. Greenhields, Esq., of 28/4/36.

Stock Inspector.

p.r.c. para 2 of (91) will you please prepare for despatch to Douglas Station seed & manure for the experimental plots - say sufficient for two plots - and advise me of the contents of the packages.

2. Please also furnish a statement showing the amount of stock on hand of seeds and manure available for experimental plots - the amount for despatch to Douglas should not be included.

3. Please state the ratio for half acre of the seed & manure which is required.
J.G.C.S.
29/4/36

Hon. Col. Sec.

There is only sufficient seed for one plot in stock and this, together with the specified manures, will be despatched to Douglas Station as opportunity permits.

(92)

The consignment will consist of one 24-lb bag of seed, bag of 1 cwt./basic slag, 1 56-lb bag of basic slag, 1 56-lb bag of Rock Mineral, 1 56-lb bag of super phosphates, 1 56-lb bag of C.C.F.

Ref. your para. 2. the following are the stocks remaining, exclusive of the Douglas Station consignment:-

Seed NIL.
C.C.F. 3 bags of 56 lbs each.
Basic Slag 2 bags of 56 lbs each.
Rock Mineral 2 bags of 56 lbs each.
Super phosphates 2 bags of 56 lbs each.
Basic Slag 2 bags of 112 lbs each.

Ref. your para. 3. The ratio per $\frac{1}{2}$ acre plot is the same as that comprising the consignment to be shipped to Douglas Station.

A. M. Bonner
Stock Inspector.
1st May, 1936.

Y.E.

I thought it desirable to go into the question of the stocks of seeds & manure and as there is sufficient for Douglas station I suggest that a consignment be despatched to Douglas at once so that Mr. Greenshield can issue his instructions before departing on 23rd May.

I have since spoken to Y.E. regarding this consignment and as arranged it will be despatched by name 'Lafonia'

- In the despatch sent by Y.E. red (61) it was intended that application would be made this year for seed & manure for thirty or forty plots and from para. of red (79) it would appear that Mr. Shapleton would be prepared to assist in arranging the mixture of seed and the preparation of manure for despatch.
- In view of the likely visit of Mr. Daines in 1937 referred to in (79) etc, perhaps Y.E. would like a telegram sent to the S.G.S. asking that arrangements be made to ship seed manure etc for thirty more plots.
- The despatch of a telegram would ensure the arrival of seed etc sufficiently early to arrange a properly organised distribution before spring.

J.E.C.
5/5/36

Mr. G. A.

I appear to have been over-optimistic in believing in November last that 30 or 40 plots would be prepared by the farmers. At that time viz. sheet 7 the seed had arrived and apparently sent out in good order and all the farmers I had spoken to had sown themselves. This was dampened down by the what I regard as contrivances.

2. The following are all I can now count on to take up additional supplies:

(4) F. J. C. four lots (North Area and Hilary road)

(1) Port San Carlos one lot

(3) Douglas " "

(1) Charlies " "

(2) Roy Cove " "

(1) Joe Bay E " "

(1) Pebble " "

(2) Hill Cove " "

(1) Gwt " "

(101) New Island (2)
 (98) Mrs. Pons (2)
 Bender (1)
 Magill (1)
 (99) Spring Cove (2)

3. It is not safe to get more than 12
4. A tel. might go via a kind for twelve to be sent out
5. A cordial letter might go by Car saying that seed etc. will be sent out and also if Mr. Clement that I will be glad if he will make the experiment on unploughed land

~~ttttt~~ 5/5/36

Letter from Mr. G. M. Coadard of 24/4/36. (93)

Telegram from Mr. S. Shannon of 4/5/36. (94)

Note
 In view of the increasing number of applications H.F. now wish to see seed & manure for 20 plots to be ordered by telegram. 5/5/36

Letter to S. Miller, Esq., of 12/5/36. (95)

----- W. Clement, Esq., of -----

Telegram to S of S. No. 22 of 13/5/36. (96)

(97)

PA.
 B.F. 15/5/36
 15/5/36

Letter from Mr. Napier of 22/4/36. (98)

----- H. B. Harding, Esq., 25/4/36. (99)

----- R. B. Pate-Evans, Esq., of 27/4/36. (100)

----- A. Pitalwga, Esq., of 9/5/36. (101)

----- G. Scott, Esq., of 11/5/36. (102)

(102)

Telegram from S. of S. No. 33 of 20/5/36.

Y.E.

Red (102) submitted.

Excluding Fox Bay E and Pebble applications have been received in respect of 22 plots as it seems we may need 30 seeds & manures for at least 30 plots.

In view of (102) I suggest that we might wait until 15/6/36 before asking the Sg^t to increase the amount to ^{seeds for} 30 plots.

J. G. C.
21/5/36.

~~Reply to S. of S. applications~~

^(reply to) Please telegraph or telephone office

saying that the seed cannot arrive until the 8. October and asking if they will still undertake to plant on delivery by first opportunity after that date

J. G. C. 22/5/36

(103)

Letter from Hon. W. Keith-Cameron, 20/4/36

104.

Letter from D.R. Smith of 6/5/36.

105.

Telegram to S. of S. No. 31 of 1/6/36.

106.

Letter to Manager, Foxe Bay of 1/6/36.

107.

Ray love

108.

Charities

109.

Warwin Hbr.

110.

Spring Pt.

111.

Westpt. Is.

Letter to The Manager, Hill Cove of 1/6/36. 112.
 _____ New Island _____ 113.
 _____ Port San Carlos _____ 114.
 _____ Johnson Harbour _____ 115.
 _____ Douglas Station _____ 116.
 _____ Pebble Island of 10/6/36. 117.
 _____ Goose Bay East _____ 118.

P.A.
 11/10/36

Letter from W.H. Clement, Esq. 30/7/36 (119)

Y.E.
 Para 1 of recd (119) is submitted for information.

Prec.
 13/8/36

~~11/11/36~~ 14/8/36

P.P.
 17/8/36

Minutes from D.P.W. 7/9/36

(180-185)

Y.E.
 - Submitted.

The D.P.W. has gone into this matter very thoroughly,

2. Before addressing a further letter to the farmers I should like to know if Y.E. has any particular information or instruction to issue.
3. I shall arrange for the despatch of the telegram referred to in para 4
4. Regarding para 9 in recd (124) I certainly think the Committee should be informed + a meeting called for by the Secy.

Prec.
 8/9/36.

H.C.J.

Please thank D.P.W. for ~~stating~~
~~her~~ the assistance he has
 given in this matter at my
 request. I regret that the
 matter was not handed over to
 him last year instead of being
 hopelessly muddled as it was.

2. I have no particular instructions
 to issue. The letters and forms
 will go to all farms which have
 agreed to undertake the experiment
 asking ~~whether~~ ^{them} to telegraph whether
^{to prepare plots under}
 they will undertake 3 (a) (b) or
 (c) or more than one of these and will
 undertake to conform strictly to
 the instructions for preparation and control.

All the letters must issue
 on Friday.

The outlying islands ^{may} will not
 have a chance of communicating

They should all be informed
 that the seed and manure will be
 despatched by the first opportunity after
 12: October.

3. As regards the Stanley plots

* East. 7. except
 Pot. 1/Carles Helen Lane

no further action will be taken
until after the arrival of the
Stock Adviser into whose control
the whole business will be
placed.

~~TTTTT~~ 8/9/36

A.E.

Drop letter to the farmers submitted for approval.

R.S.
8/9/36

~~TTTTT~~ 8 Sept.

Telegram to Brown Agents of 9.9.36. (126)

Circular Letter to Farmers, No. 3 of 36 of 9.9.36. 127-130.

Hon. Mr. W.

Please see the minute by A.E. and discuss
the matter with the Stock adviser.

R.S.
10/9/36

Letter from Mr. S. Keller of 15/9/36	(131)
Telegram from Mr. H.C. Harding 14/9/36	(132)
" " Mr. W. Betts 18/9/36	(133)
" " Hon. W. K. Cameron 21/9/36	(134)

Hon. Col. Secretary.

His Excellency's minute noted,
thank you.

2. I have discussed this question with the Stock Adviser, and he agrees with the suggestion that three experimental plots be laid down as early as possible.

3. With a view to the selection of these we inspected a large portion of the Common, and chose two sites in the area which is to be spelled. One plot to the South East of the Leading-in-marks, and one North of Big Rookery Bay.

4. We also inspected the Paddock South and West of the Senior Officers' Quarters, and recommend that a third plot be laid down between the West Bungalow and the Colonial Secretary's Quarters.

5. It was agreed that the preparation and marking of the plots might be left for the Public Works Dept to arrange.

6. The work to be carried out by contract after calling for tenders.

7. In the event of approval being given, will you please give Head of Charge - I take it the work will be charged to Land Sales Fund.

8. The attached Government Notice calling for Tenders is submitted for approval, and the usual action.

135-136

C. Roberts.
Director of Public Works.

Y.E. Refs. (135) - (136) and the Hon. P. Ws. minute submitted.

2. Will your Excellency approve of the expenditure of funds from the Land Sales Fund. It seems to be the appropriate source.

3. If the expenditure is approved may the notice calling for tenders be issued?

*R.C.D.
22/9/26*

Having regard to the fact that previous charges have been made

against revenue and taking into consideration
the improved financial outlook, I am
reluctant to approach the L.S.F. for
approval of a further encroachment on
the L.S.F. A special warrant
will in any event be necessary and
it might be against the Work Department.

I will discuss the position of
the Land Sales Fund with you at some
convenient time. I quite concur with
you that it will be a very appropriate
source for the proposed expenditure but
there are the other and other considerations
to be taken into account.

23/9/56

Needless to say the DPW's proposal
is approved.

Hon DPW:

Please note the approval of A.E. and
return.

Gal
23/9/56

Hon. Col. Sec.

noted.

C. Roberts.
23/9/56.

- (137) Telegram from Hon. W. Hurston of 22/9/36
- (138) Telephone message from Mr. G. T. Boardman
- 139. Telegram from Manager, West Point of 27.9.36.
- (140) Minute from Stock Adviser 7/10/36

Y.E.
Re (140) submitted.

J.C.S.
6/11/36

~~Minute~~ 7/10/36

(141) Minute from Stock Adviser 7/10/36.
Hon. D.P.W.

I should be glad to know if you have any observation to make on re (141).

J.C.S.
7/11/36

Hon. Col. Sec.

I have no observation to make on re (141).

A. Rolark.
8/10/36.

Y.E.

Re (141) is submitted together with the above minute from the D.P.W.

2. I should mention that I was Chairman of the Tender Board when the contract under reference was considered.
3. The tender which was accepted was

The lowest received and as the persons to whom
the tender was granted had been reported as being
satisfactory ^{workers} ~~workers~~ I approved of the acceptance of
the tender.

4. I am not in a position to say how long it should take
to dig the area referred to.

J.S.D.

8/10/36

5. Perhaps the Stock Adviser could be allowed to
engage his own labour in future provided the
men engaged are from those who are unemployed.

J.S.D.

8/10/36

para 5 Yes as in w/p 1330/35 No restrictions
on individual earnings on small works

9/4/36

Stock Adviser.

Submitted to you for the approval of
H.C.

J.S.D.

9/11/36

Hon. Col. Sec.

Noted thank you.

Warr

9/10/36

Tenders - Experimental plots Stanley Common 7/10/36

(142)

Minute from H.C. The Governor 7/10/36

(143)

Stock Adviser.

To see red (143) as the preparation is now a matter
for your Dept. You will no doubt take such steps as are
necessary to ensure that the plots are ready in time.

2. The terms of the Contract are at red (136)

J.S.D. 14/11/36

Hon. Col. Sec.

Red (143) noted and the matter of preparation of plots is well in hand, extra men having been engaged as original contractors were too slow - the contract was cancelled accordingly and the last mentioned men are on day wages along with the extra employees.

DSM
22/10/36

1449

Letter from S.M. Goddard Esq. 5/10/36

145.

First Shipping Advice of 17. 8. 36.

146.

_____ 26. 8. 36.

147-148.

Letter from Brown Agents of 4. 9. 36.

149-154

S. of S. despatch no: 110 of 4/9/36.

Stock advice

To see reds (145) to (157). Please extract the loose copy of the shipping advice and invoice for your information and record.

2. as you are aware I have arranged with Capt. Roberts of the F. S. C. for the delivery of the various packages from the lighters today.
3. will you please arrange for the preparation of the various requirements as denoted in this file so as to ensure delivery to the S.S. Citygrove which is due to leave on Sunday.

Red
22/10/36

Hon. Col. Sec.

Reds (145) to (157) seen and loose copy of shipping advice extracted and filed in the office. 2. noted 3. arrangements will be made at once regarding preparation and shipment of lots to farmers as requested.

DSM
22/10/36

PA. S. 26/4

First Shipping Advice of 23. 9. 36. 158-159.
Letter from Brown Agents of 25. 9. 36. 160.

Telegram from Mr. Luxton, Charlton 25. 10. 36. 161.
S of S despatch no. 124 of 24/9/36 (162-163)

Y.E.
Red (161) submitted for information. The seed has been loaded on the SS Patagonia.

The S of S Desp. at nos (162)-(163) is also submitted for the information of Y.E.

Red.
27/10/36

Telegraph Mr. Luxton according

27/10/36

Telegram Mr. Luxton, Charlton of 25. 10. 36. (164)

Minute from H.E. The Governor 10/11/36 (165-169)
Stock Adviser.

To see Reas 165-169.

C.I.D.
for ed.
10/11/36

P. 12
27/10/36
Paper received
16/11/36

Letter from Mr. B. Elliot 27/11/36 (170-171)

Completed Form 3 - Hill Cove Sh. (172)

The Hon. Col. Sec.

Minutes from H.E. 165-169
seen and noted

RAW
9/12/36

173. Telegram from S. of S. No. 125 of 10.12.36.

R.
Red 173 Submitted.

2. The matter appears to have
been dealt with in red (4) of
266/36.

MCH
11. XII. 36

Yes. We might reply saying
Pl. no any res. r.

~~11/12/36~~

174. Telegram No. 87 to S. of S. of 12.12.36.

P.A
14/12/36

(185)

Excerpt from a Report made
by Hon. Mr Stewart 25/12/36
Stock Adviser.

Please see red 125. In
favour of your observations.

MCH
20. XII. 36

The Hon. Col. Sec.

I have the honour to state that I have noted red (125). Mr. Robson might be advised that experimental plots (grass) have been laid down on no less than six West-Falklands farms this year on the plans indicated by the Director of the Plant Breeding Station, Aberystwyth Wales and I think an equal number were put down last year. Individual farms have as many as three plots of half an acre each.

There does not appear to have been any application from Mr. Robson for seeds and fertiliser for this purpose. It is intended I am sure that the activities of the Agricultural Department be shared equally between East and West, and the cooperation of all farmers is sought, in the best interests of the Colony. If Mr. Robson is anxious that any specific experiment might be carried out on the property under his management, the Agricultural Department would be glad to help him as far as possible.

SDM
29/12/36

Letter to Mr. Robson, Esq., J.P., of 4. 1. 37.

(126)

Agricultural Adviser.

Thank you. To see red
126.

MCH
Ch.

4. 1. 37.

Hon. Col. Sec.

Red (126) seen and noted
thank you.

SDM
37/1/37

Inside Minute Paper.

Agricultural Adviser,

It would be preferable if Reas
(170 + 172) were withdrawn and
filed in your department.

Would you also be kind
enough to supply the information
requested in Red (171) direct to
Mr. Elliott?

A.S.
act
5/1/37

Hon. Col. Sec.

Reas (170) + (172) have
been withdrawn and the information
will be sent direct to Mr. Elliott
as requested in red (171)
DAN
4/1/37

P.A.
6/1/37

(177-178)

Minute from Mr. The Governor of 30/4/37

P. A. MCH
1. 4. 37

Extracted to M.P. 266/36

(179-180)

Letter from Brown Agents of 22. 10. 37.

act. To use regarding telegram of departure
& to prepare vouchers for out. acc. in the
face then to measure to use

Per
5/1/37

(179) (180) st. p. n. while on the river
redded with passage & missing - both temporary
res. & between F.D. & UK.
while in land i.e. F.D. & m. video.

Red
6/12/37

Hon. Treasurer,

to note Reds 180-179.

A. J. Red
6/27/37

Hon. C.S. noted. Thank you
for correct.
7/1/37

M. J. Red
7/2/37
A. J. Red
7/2/37
J. J. Red
7/2/37
A. J. Red
7/2/37

Letter from Brown agents of 17.11.37.

(181)

Pit
31/1/38

C/S I think the graph
referred to by J. today
is red (2) herein.
mch
CS

No. It was in a ²⁸⁻⁶⁻⁵⁸ special folder
4/7/58

Refracted to M.P. 266/36.

Planting of Grass

200.

Where is it being planted?

(1)

How is the experimental grass
on the spit getting on?

150/305.

AD.

23.27
7

ENCLOSURE IV. IN FALKLAND ISLANDS DESPATCH No. 85

of the 22nd of JUNE, 1935.

<u>YEAR.</u>	<u>EXPORTS.</u>	<u>IMPORTS.</u>	<u>Percentage.</u>
	<u>Wool, Tallow &c.</u>	<u>From U.K.</u>	<u>Imports</u> <u>to</u> <u>Exports.</u>
	<u>£</u>	<u>£</u>	
1905	164971	52218	32
1906	178768	58867	33
1907	185762	66091	36
1908	124465	65744	53
1909	167102	89566	54
1910	174234	81924	47
1911	175517	86597	49
1912	149416	82453	55
1913	180840	152958	85
1914	159767	163443	102
1915	209707	229125	109
1916	247845	408957	165
1917	269840	681803	253
1918	321198	64831	20
1919	337918	121649	36
1920	327173	168816	52
1921	127073	122071	96
1922	101973	93698	92
1923	150413	117749	78
1924	263915	128554	49
1925	324550	131811	41
1926	236704	148771	63
1927	247208	151109	61
1928	294566	125394	43
1929	250804	137703	55
1930	205166	96459	47
1931	135884	89126	66
1932	115170	65443	57
1933	110027	56301	51
1934	138983	73234	53

N.B. From 1905 to 1917 inclusive records
of imports into the Colony and
Dependencies were not kept
separately.

5

ENCLOSURE II IN FALKLAND ISLANDS DESPATCH No. 85
of the 22nd of JUNE, 1935.

FALKLAND ISLANDS.

INFORMATION FOR THE ADVISORY COMMITTEE REGARDING
AN APPLICATION FOR ASSISTANCE FROM THE COLONIAL
DEVELOPMENT FUND.

- (1) DESCRIPTION OF SCHEME. Improvement of the pastures of the Falkland Islands. At present there are 620,000 sheep in the Colony as against 800,000 in 1898. The object is to improve the pastures so that the country can eventually carry up to 1,000,000 sheep. Financial assistance for this purpose would achieve the two fold object of assisting economic development locally and of promoting commerce with and industry in the United Kingdom. Purchases in the United Kingdom vary directly with the value of the exports from the Colony. Improvement of pastures would result in increased production and in increased exports to and from the United Kingdom.
- (2) The estimated total cost of the scheme is £20,000.
- (3) Preliminary inspection and report to be made in 1936, work to be commenced in 1937.
- (4) Estimated period for the completion of the scheme is ten years.
- (5) In the main, expenditure on the scheme would be in the Colony. Fertilisers, grass seed &c., would be purchased in the United Kingdom.
- (6) No scheme for the improvement of the pastures of the Colony has previously been put forward.
- (7) By a free grant.
- (8) General improvement of the sheep farming industry: increase of trade between the Colony and the United Kingdom; increase up to about 40% on present annual revenue of £8,000 from export duties on wool.
- (9) Technical advice not available to enable detailed estimates of scheme to be prepared.
- (10) The assistance under the Act applied for is a free grant of £20,000 made up as follows :-
- | | |
|---|----------|
| For services of technical expert | £750 |
| For experimentary work, annual payments of £2,000 spread over a period of ten years | £19,250. |

6

ENCLOSURE I IN FALKLAND ISLANDS DESPATCH No. 85
of the 22nd of JUNE, 1935.

III - IMPROVEMENT OF PASTURES.

R E S O L U T I O N.

That application be made to the Colonial Development Fund Advisory Committee for a grant to defray the expenses of a visit by a member of the staff of the Welsh Plant Breeding Station to advise on the improvement of pastures in the Colony with a view to experimentary and research work being carried out at the expense of the fund at a later date.

GOVERNMENT HOUSE,
STANLEY.

22nd June, 1935.

FALKLAND ISLANDS.

No. 85.

Sir,

With reference to Lord Passfield's Circular despatch of the 10th of August, 1929, and connected correspondence on the subject of the Colonial Development Fund Act, I have the honour to transmit a copy of a Resolution passed at the Farmers' Conference held on the 7th of May and to submit for consideration by the Colonial Development Fund Advisory Committee an application for a free grant of a sum of £20,000 for improvement of the pastures of the Falkland Islands.

Enclosure I.

2. I enclose a schedule of particulars of the application filled in to the extent to which I am in a position to furnish the information required. Neither I nor my advisers are qualified to furnish details of the expenditure. As you are doubtless aware it is only within recent years that research in the improvement of grass lands has been carried out on any considerable scale and the outstanding pioneer in the work has been Professor Stapledon of the Welsh Plant Breeding Station at Aberystwith. His work has proved beyond question that pastures closely similar to those found throughout these islands can be brought to a far greater carrying capacity than was formerly believed to be possible. The grasses and clovers which have formed the principal subject of trials at Aberystwith and at

Enclosure II.

THE RIGHT HONOURABLE
MALCOLM MACDONALD, M.P.,
SECRETARY OF STATE FOR THE COLONIES.

stations/

stations connected with the Ministry of Agriculture have been tried and have succeeded here.

3. The first step I propose in connection with the grant is that Professor Stapledon be requested to arrange for a member of his staff to visit the Colony and report on the measures to be taken to improve the grazing lands. It may be assumed that the preliminary inspection and report would take twelve months and that the experimental work would be carried on for not less than ten years thereafter. I estimate that the total cost of the visit of an adviser should not exceed £750, assuming six months absence from England at £80 a month, £480, subsistence allowance at £1 a day while in the Colony for four months, £125, passages, £140, and incidentals, £30.

4. Although the Falkland Islands is inhabited solely by a population of British descent, and the whole of its export and over 80 per cent of its import trade is with the United Kingdom, it is one of the very few Colonies which have hitherto received no assistance for development from the Fund. Governor Hodson made application in despatch 207 of the 8th of October, 1929, for a direct grant of £20,000 from the Development Fund for the purpose of carrying out certain public works in Stanley. He was informed very justly in reply, that "having regard to the large invested surplus and anticipated excess of revenue during the current year" the Advisory Committee considered that the Colony could find the money required without external assistance. The Colony was very prosperous at the time, prices for

wool/

wool were high, the whaling industry was still on the tide of prosperity and the Government was assured of a grant of £9,000 a year from Dependencies Revenue. You are fully acquainted with the changes that have taken place since then. The Estimates for 1935 as passed in Legislative Council envisaged a deficit of over £10,000. Expenditure has had to be cut down rigorously and it has been necessary to find comparatively large sums for the relief of distress through unemployment. The contribution from Dependencies Revenue has been reduced and is likely to fall by several thousand pounds in the forthcoming years. There is it is true an invested surplus of nearly £290,000. This is composed of £243,000 in the Land Sales Fund and £46,000 in general account. The principal source of the Colony's revenue is now derived from the interest on our investments and any reduction in this would involve an increase in taxation at a time when the people are least able to bear it. There is further the objection felt to tampering with a reserve while the country is dependent on one single industry.

5. It may be argued that the sheep farmers who would benefit by the improvement of their farms should bear the cost of the work of investigation and experiments in improving the pastures. This is quite definitely not possible. Wool has been among the slowest of agricultural products to recover from the depression. The prices paid at the chief sales of the year were from 25 to 50 per cent lower this year than in 1934. I have before me the figures of the trading loss on the largest privately owned farm

in/

in the country. With an area of 230,000 acres less than 30,000 sheep can now be carried and the trading loss from 1929-30 to 1933-34 has been £4,200. The land in this farm which carried some 50,000 sheep forty years ago appears to have steadily deteriorated. In 1898 there were according to official figures over 800,000 sheep in the Falklands. The latest stock return places the number at 620,000. The total area of the farms is 2,992,000 acres. It requires therefore 4.82 acres now to feed a sheep. By skilful management and after many trials and much expenditure the standard of breeding has greatly improved in recent years and much of the wool now rivals in quality the best produced by the great farms on the mainland of South America, but the farmers are much handicapped by the bad camp. There is no apparent reason why the country should not eventually carry up to a million sheep if the grazing can be improved and I hope to demonstrate that it is to the interest of the United Kingdom to give financial assistance to the industry to enable it to advance to this end.

6. I desire to represent for the consideration of the Advisory Committee that no scheme from any Colony could be better calculated than that now put forward to achieve the two fold object of assisting economic development locally and of promoting commerce with and industry in the United Kingdom. Purchases in the United Kingdom vary directly with the value of the exports from the Colony. I have the honour to forward herewith a graph shewing this in the clearest possible form over a period of thirty years.

Enclosure III.

For/

ENCLOSURE IV.

For facility of reference I attach a copy of the table given on the graph shewing the value of our total exports of sheep products, the value of imports from the United Kingdom and the percentage of imports to exports. The substantial excess of the value of exports greatly strengthens the argument for the grant as the balance represents apart from the one fifth of the trade with foreign countries monies retained in the United Kingdom and spent there by absentee owners all of whom reside in Great Britain. I should mention that nearly four fifths of the sheep in the islands are in absentee ownership.

7. Every farmer in the country runs as many sheep as he considers his farm can carry. There has been a steady increase in the weight of wool per sheep during the last 40 years and if the numbers can be increased to anything like the total formerly carried the quantity of wool export should be at least one third more than is at present shipped. The average value of the exports over the last 30 years excluding the abnormally high war prices, has been over £140,000 per annum. It is I submit a very conservative estimate to suggest that at least £20,000 more would be expended in the United Kingdom annually if the proposed grant is made.

8. I would therefore apply for a free grant of £750 for expenditure in 1936 for a visit of inspection and report and that, subject to the recommendations contained in the Report, the Advisory Committee should consider favourably a further grant of up to £2,000 a year for ten years for research and experimental work./

work. The farmers would of course themselves bear the cost of improving the pasturage on individual stations. The Government is proposing to spend all that it can afford in direct encouragement of the industry by engaging the services of a highly qualified Stock Adviser from New Zealand. I appeal to the Advisory Committee for assistance in development which is beyond the means of the Government and people of this Colony.

I have the honour to be,

Sir,

Your most obedient
humble servant,

DECODE.

TELEGRAM.

From The Secretary of State for the Colonies.

To His Excellency the Governor.

Despatched : 11th September, 19 35. *Time* : 15.05.

Received : 11th September, 19 35. *Time* : 18.00.

IMMEDIATE.

*Reas
2-12.*

No. 74. Your despatch of 22nd June, No. 85. Am advised that -
(1) visit of technical expert should take place during southern spring
and summer; (2) no member of Aberystwyth Staff can be spared before
1936 at the earliest; (3) visit should be preceded by the laying down
at once of experimental plots in various parts of Colony, information
obtained therefrom would be invaluable to expert. Minimum of 10 plots
suggested. Seed and manure (estimated cost including freight about
£50) could be despatched September 28th if you could telegraph agreement
without delay. It must however be understood that I cannot give any
undertaking whatever on behalf of Colonial Development Advisory
Committee which is an independent body.

SECRETARY OF STATE FOR THE COLONIES.

Recd 7.50 p.m.

11. 9. 35

MCH

DECODE.

14

TELEGRAM.

From H.E. THE GOVERNOR,

To SECRETARY OF STATE FOR THE COLONIES.

Despatched: 12th September, 19 35. Time: ...

Received: 19 ... Time: ...

No. 61. Your telegram No. 74 I am grateful for encouragement given to the scheme under reference. Agree to proposals and request that seed and manure may be despatched together with fullest instructions. Should be glad to be informed of suggested area of plots hope to get at least 12 prepared.

Governor.

Red 13

DECODE.

(75)

TELEGRAM.

From SECRETARY OF STATE FOR THE COLONIES,

To H.E. THE GOVERNOR.

Despatched: 20th September, 19 35. *Time:* 1230.

Received: 21st September, 19 35. *Time:* 1030.

Red 14.

No. 77. Your telegram No. 61 Arrangements being made with a view to despatch September 28th of seeds and manure sufficient for 12 plots of $\frac{1}{2}$ acre each which is area recommended. Advance copy of memorandum of instructions sent semi officially by mail September 13th. Despatch follows.

Secretary of State for the Colonies

DECODE.

16

TELEGRAM.

From COLONIAL SECRETARY,

To OPERATOR, FOX BAY.

Despatched: 27th September, 1935. Time ...

Received: 19 ... Time: ...

For transmission to Managers Hill Cove, Chartres, Fox Bay East, and Port Stephens. Message begins. Improvement of Pastures. Welsh Plant Breeding Station, Wales, recommends laying down at once of experimental plots of half acre different parts of Colony, information obtained therefrom will be invaluable to technical expert who is expected to visit Colony in 1936. Seed will be received next mail. Glad to be informed whether you agree to prepare a plot for planting if so seed will be sent when received. Message ends.

Colonial Secretary.

(18)

IMPROVEMENT OF PASTURES IN THE COLONY.

It is expected that the services of an expert from the Welsh Plant Breeding Station at Aberystwith, Wales, will be available in the Spring of 1936, to advise on the improvement of grass lands in the Colony.

In the meantime the visit of such an expert will be preceded by the laying down at once of experimental plots in various parts of the Colony. Seed and manure for the purpose are being sent from England and will be received next mail.

It is proposed that 10 or 12 plots should be prepared for the experiment and it is hoped that arrangements can be made for the laying down of these plots on various Stations on the East and West Falklands.

Improvement of Pastures is a matter of utmost importance to the Colony. It would enable the country to carry more sheep and would achieve the two-fold object of assisting economic development locally and of promoting commerce with the United Kingdom.

In seeking to learn from Wales we are dealing with conditions here in many ways analogous to those of a country with $1\frac{3}{4}$ millions of acres of rough grazing as distinct from permanent pastures. No one now doubts the success being attained there by the work of the Plant Breeding Station.

DECODE.

19

TELEGRAM.

From OPERATOR, FOX BAY.

To COLONIAL SECRETARY.

Despatched: 30th September, 19 35. *Time:* 9.15.

Received: 30th September, 19 35. *Time:* 1130.

Red 16.

Your telegram 27th Managers Hill Cove, Chartres, Fox Bay East
will be glad to have seed.

Myles.

DECODE.

TELEGRAM.

From COLONIAL SECRETARY,

To MR. MYLES, FOX BAY.

Despatched: 30th September, 19 35. Time: ...

Received: 19 ... Time: ...

Your telegram 30th September seed will be sent as soon as possible after we receive it. Please state if Port Stephens will carry out planting.

Colonial Secretary.

Red 19

21

DECODE.

(21)

TELEGRAM.

From OPERATOR, FOX BAY,

To COLONIAL SECRETARY.

Despatched: 1st October, 19 55. Time: 9.30.

Received: " " 19 " Time: 1050.

Your telegram 30th September Manager Port Stephens will be pleased to have seed.

Myles.

Red. 20.

DECODE.

TELEGRAM.

From SECRETARY OF STATE FOR THE COLONIES,

To H.E. THE GOVERNOR.

Despatched : 9th October, 1935. Time : 0021.

Received : " " 19 " Time : 1115.

No. 80. My telegram No. 77 seed and manure despatched
by "Highland Monarch" September 28th.

Secretary of State for the Colonies

Red 15.

FIRST SHIPPING ADVICE.

(25)

The Crown Agents for the Colonies have to report the shipment of goods supplied by:—

Reference:

S/ 160 (Falklands)

150/35.

Messrs. E.G. Jepson & Co.,
5, Crown Point Road,
Leeds, 10.



18th September, 5.

Indent No.
Special A/c
Dept.
Consigned to Messrs. MacLean & Stapledon.

Marked

REQN. O. H. M. S.
160
C ↑ A
*Nos. O. A. G.,
Gross Weight Stanley,
via Monte Video.

S.S. Highland Monarch From Royal Albert Dock, London
by 26th September.

The particulars given in the schedule below were those furnished by the above mentioned contractor, when forwarding instructions were issued, and are not necessarily accurate.

VALUE	*Nos.	Description of Packages	CONTENTS	WEIGHT				MEASUREMENTS		
				Tons	Cwt.	Qrs.	Lb.	Length	Breadth	Depth
	101/up	24 bags	Superphosphate.	-	6	-	-			
			Basic slag.	-	18	-	-			
			Rock mineral phosphate.	-	6	-	-			
			C.C.F. No. 2 Fertiliser.	-	6	-	-			

ENCLOSURES:—

- Bill of Lading
- Suppliers' Invoice
- Packing particulars

Office of the Crown Agents for the Colonies,
4, Millbank, London, S.W.1.

24

5. CROWN POINT ROAD.

TELEGRAMS :

"JEPSON, LEEDS"

TELEPHONES 20827 & 20828.

PARTNERS { H GILLIAT, A. R. GILLIAT.

LEEDS, 10, 23rd Sept. 1905

The Crown Agents for the Colonies, LONDON, S.W.1.

BOUGHT OF E. G. JEPSON & CO.

TERMS- NETT.

INTEREST AT 5% CHARGED ON OVERDUE ACCOUNTS.

SUB-PLOT 1.	12 bags = 56 lbs. each SUPERPHOSPHATE 35%. = 6 cwts @ 67/6 per ton	£1.	0.	3.
SUB-PLOT 2.	12 bags = 1 cwt each BASIC SLAG, 14% Phosphoric Acid, 30.56% total Phosphates. = 12 cwts @ 50/- per ton	1.	10.	0.
SUB-PLOT 4.	12 bags = 56 lbs. each BASIC SLAG, 14% Phosphoric Acid, 30.56% total Phosphates. = 6 cwts @ 50/- per ton		15.	0.
SUB-PLOT 5.	12 bags = 56 lbs. each NORTH AFRICAN ROCK PHOSPHATE 65%. = 6 cwts @ 60/- per ton		18.	0.
CROSS DRESSING.	12 bags = 56 lbs. each C.C.F. No.2. 10.3% Nitrogen, 10.3% Sol. Phosphoric Acid, .2% Insol. Phosphoric Acid, 20.7% Potash. = 6 cwts @ 12/- per cwt.,	3.	12.	0.
<i>Packed in 24 bags</i>				
	Plus bags	£ 7.	15.	3.
	" labour	1.	0.	0.
	" Carriage	1.	2.	6.
		2.	17.	6.
		<u>£12.</u>	<u>15.</u>	<u>3.</u>

Por Road Transport, Carriage paid to - Royal Albert Dock, LONDON.

Your Ref. No.

S/160 (Falklands)

Included in invoice attached.

INVOICE.

(Advice Copy)

23

THE CROWN AGENTS FOR THE COLONIES.

Dr. to Messrs.

of

WELSH PLANT BREEDING STATION,
UNIVERSITY COLLEGE OF WALES,
ABERYSTWYTH.

Date September 24th 1935.

Reference **G/** S. 166/Falklands.

Indent No. Requisition No. 160

Special a/c (if any)

Department

Shipped by S.S. "Highland Monarch" leaving Albert Dock on 26/9/35.
or

Date of posting

To be filled in by Contractor.

Item Nos.	Quantity.	Description of Article in wording of Tender.	Weight.			Rate.	£ s. d.			£ s. d.		
			T.	c.	q. lb.		£	s.	d.	£	s.	d.
	<u>Page</u>	Manures. (Messrs. E. C. Jepson & Co.)										
	12	Superphosphate each containing - 6 cwt. at 67/- per ton			56		1	0	3			
	12	Basic slag each containing - 12 cwt. at 50/- per ton	1	0	0		1	10	0			
	12	Basic slag each containing - 6 cwt. at 50/- per ton			56			15	0			
	12	North African Phosphate (Rock) each containing - 6 cwt. at 60/- per ton			56			18	0			
	12	C.C.P. No 2. each containing - 6 cwt. at 12/- per cwt.			56		3	12	0			
		Bags					1	0	0			
		Labour					1	2	6			
		Carriage					2	17	6	12	15	3
		<u>Seeds (Welsh Plant Breeding Station)</u>										
	90 lb.	Pedigree perennial rye grass S. 23 at 2/- per lb.					9	0	0			
	90 lb.	Pedigree cocksfoot S. 26 do.					9	0	0			
	24 lb.	Crested dogtail do.					2	8	0			
	12 lb.	Rough-stalked meadow grass at 2/6 do.					1	10	0			
	12 lb.	Wild white clover at 6/- do.					3	12	0			
	24 lb.	Other odd lots at 1/- do.					1	4	0			
		12 bags at 9d. each						9	0			
		2 large sacks branded "Welsh Plant Breeding Station, Aberystwyth, Pedigree Seed", numbered 91 and 92, at 2/6 each						5	0			
		Carriage per passenger train Aberystwyth to Albert Docks (London)					1	2	9	28	10	9
		<i>packed in 24 bags.</i>								24	6	0

FIRST SHIPPING ADVICE.

The Crown Agents for the Colonies have to report the shipment of goods supplied by:—

Reference:

S/ 160 (Falklands)

150/25

26

Professor R.G. Stapledon, C.B.E.,
M.A.,
Welsh Plant Breeding Station,
Agricultural Bldg.,
Alexandra Road,
ABERYSTWYCH.

19th September, 5.



Indent No.
Special A/c
Dept.
Consigned to Messrs. MacLean & Stapledon.

Marked

REQN.	O. H. M. S.	
160	O. A. G.,	
C ↑ A	STANLEY,	
*Nos.		via Monte Video.
Gross Weight		

S.S. Highland Monarch From Royal Albert Dock, London
by 26th September.

The particulars given in the schedule below were those furnished by the above mentioned contractor, when forwarding instructions were issued, and are not necessarily accurate.

VALUE	*Nos.	Description of Packages	CONTENTS	WEIGHT				MEASUREMENTS		
				Tons	Cwt.	Qrs.	Lb.	Length	Breadth	Depth
	91/2	2 sacks	Seeds.	-	2	2	-			
					approx.					

ENCLOSURES:—

- Bill of Lading
- Suppliers' Invoice
- Shipping particulars

Office of the Crown Agents for the Colonies,
4, Millbank, London, S.W.1.

150/35 (27)

The Crown Agents for the Colonies,
4 Millbank, London, S.W.1.

Seed supplied by:

WELSH PLANT BREEDING STATION,
UNIVERSITY COLLEGE OF WALES,
ABERYSTWYTH.



Packing Particulars.

Date: 20th September, 1935. *Ref. S. 16 of Falkland.*
Reqn.No. 160.

Country of Origin: Great Britain.

Shipped by S.S. Highland Monarch, leaving Albert Dock, London on
26th September, 1935.

90 lb. pedigree perennial rye-grass S.23	at 2/- per lb.	£9. 0. 0
90 lb. pedigree Cocksfoot S.26	at 2/- per lb.	9. 0. 0
24 lb. Dogstail	at 2/- per lb.	2. 8. 0
12 lb. Rough-stalked meadow grass	at 2/6 per lb.	1.10. 0
12 lb. Wild white clover	at 6/- per lb.	3.12. 0
24 lb. Other odd lots	at 1/- per lb.	1. 4. 0
<hr/>		
252 lb.		£26.14. 0

12 bags at 9d. each.	9/-	
Packed in two large sacks branded "Welsh Plant Breeding Station, Aberystwyth, Pedigree Seed", and numbered 91 and 92 at 2/6 each	5/-	14.
		<hr/>
		£27. 8.

Carriage per passenger train Aberystwyth to Albert Docks (London)		1. 2.
		<hr/>
	Total	£28.10.
		=====

2 bags Nos. 91/2

each bag - 29" x 14" x 36"

1 bag 133 lbs.

1 bag 134 lbs.

20 SEP 1935

6 133
22

J. H. Williams
Secretary,
Welsh Plant Breeding Station.

COPY,
UNIVERSITY COLLEGE OF WALES.
WELSH PLANT BREEDING STATION.

AGRICULTURAL BUILDINGS,
ALEXANDRA ROAD,
ABERYSTWYTH.

September 18th, 1935.

Dear Stockdale,

I have not myself been able to answer your letter of the 13th instant until today, as I have had visitors around to cope with.

Immediately on receipt of your letter, however, I wrote off to Messrs. Jepson asking them if they would undertake the manure part of the thing, and I am thankful to say they are willing to do so and have got the matter in hand. I have also, since hearing from you, heard from the Crown Agents, and I am giving them the necessary information.

Mr. William Davies is responsible for the seeds mixtures, and I think you may take it as certain that he will get everything ready.

Jepsons have not yet been able to give me hard prices for their part of the undertaking, which may possibly be rather more than I said, as of course the manures in small lots mean extra money. They utter as follows:-

"We cannot today give you the actual cost, but we promise to put these in at the very lowest prices with next to nothing for labour above the price of the manures, bags and carriage from Leeds to docks. You will realise that the prices will come very considerably higher than the list prices for direct delivery to English customers, which are usually considered to be in 6 ton lots. Not only will there be bags to find, but the carriage from here to London will be 1/6d. per cwt. and this is taking advantage of road transport as rails would be higher".

Yours sincerely,
(SGD.) R.G. STAPLEDON.

F.A. Stockdale Esq., C.M.G., C.B.E.,
Colonial Office,
2 Richmond Terrace, Whitehall,
London, S.W.1.

MEMORANDUM RELATIVE TO SIMPLE EXPERIMENTS
IN CONNECTION WITH AN INVESTIGATIONAL SURVEY
OF THE PASTURES OF THE FALKLAND ISLANDS.

(1) The suggestion is to lay down at least ten, and up to fifty very simple experiments. The aim of the experiments is to ascertain whether the problem is largely one of fertility and the introduction of better species and strains of grassland plants. The evidence from such experiments would be invaluable to a competent grassland expert subsequently visiting the Islands.

(2) It is suggested that a basal plot of half an acre should be put down at each centre. The centres should be chosen with a view to covering as many of the conditions of climate and soil and of methods of management as possible. It is essential that the worst land as well as the most fertile on the Islands should be brought into the scheme.

(3) The basal plot will consist of a single seeds mixture made up as under (in lb. per acre, and in lb. per centre:-

	<u>lb. per</u> <u>acre.</u>	<u>lb. per</u> <u>centre.</u>
Leafy perennial rye-grass, i.e. } Welsh Plant Breeding Station } S.23 and (or) Kentish Old } Pasture }	15	7½
Leafy cocksfoot, i.e., Welsh } Plant Breeding Station } S.26 and (or) New Zealand }	15	7½
Crested dogstail	3	1½
Rough-stalked meadow grass	2	1
Kentish wild white clover	2	1
Various indicator species and } strains }	2	1
	39	19½

Note.

NOTE. The extent to which the Welsh Plant Breeding Station strains of rye-grass and cocksfoot would have to be supplemented with "Kentish old pasture" and "New Zealand" respectively would depend upon the number of centres decided upon.

(4)

It would be open to the several occupiers and experimenters to sow the seed as each saw fit. It would be hoped that some would plough and sow on a fully prepared surface; that others would heavily scratch the existing vegetation and sow without further preparation; that yet others would sow on the existing vegetation without any cultivation of any sort or kind. Fencing would not be regarded as a necessity, indeed it is to be hoped that some areas would be fenced and others left to fight their way against the grazing animal. The wider the range of management and of soil and vegetational conditions which the experiments embrace by that much the more informative.

(5)

Each basal plot (the whole of which is to be sown out with the above seeds mixture) would be divided into five sub-plots for the purpose of manurial trial. The manures should be applied before sowing the seeds, and in the cases where cultivation of any sort is undertaken before the final act of cultivation.

The manurial dressings for the five sub-plots are to be as follows (in cwt. per acre and lb. per plot):-

	<u>Cwt.</u> <u>per acre.</u>	<u>Lb. per</u> <u>plot.</u>
(1) Superphosphate	5	56
(2) Basic slag (high grade)	10	112
(3) No manures	-	-
(4) Basic slab (high grade)	5	56
(5) Rock phosphates	5	56

(6)

(6) In addition to the above manurial dressings, a strip of one-third of the width of the basal plot will be cross-dressed with C.C.F. No. 2, (Imperial Chemical Industries complete manure) at the rate of 3 cwt. per acre, right across all the sub-plots (including, of course, the "no manure" sub-plot = sub-plot (3)), this would mean 56 lb. of C.C.F. No. 2 per centre.

(7) It is important that at each centre the same plan as to lay out is adopted. The basal plot (half an acre) should be five times as long as broad, and then divided into the five sub-plots. The sub-plots should bear the same relation to each other at all centres and should be arranged so that sub-plot (1) stands towards the north or towards the east, according as the nature of the land may make desirable.

The plan of the experiment would therefore be as under:-

Lb. per sub - plot.

N OR E	Super- phosphate 56 lb. (1)	Slag 112 lb. (2)	No manure. (3)	Slag 56 lb. (4)	Rock phosphates 56 lb. (5)
	C. C. F. STRIP.				

Half Acre Basal Plot.

(8) The date of sowing seeds and of applying manures, and of all operations, must be carefully noted, and a copy of the plan with essential dates should be deposited for each centre at a Central Office as soon as the experiment has been laid down.

(9) It is very desirable that notes should be taken by each experimenter from time to time as to the behaviour of the several sub-plots, and as to the reaction of stock, vermin and pests to the new vegetation, in the event of such new vegetation materializing. It is also important that records are kept as to the general management to which the several areas containing the several plots have been subjected.

(10) ~~X~~ The cost of the seed mixture (in England, but not delivered to port of departure) per centre (half acre plot) would be about £2. 2. 0.

The cost of the manures (in England, but not necessarily delivered to port of departure) per centre would be about 12/-.

(11) It would be desirable that both the seeds mixture and the manures should be weighed out ready for direct application per centre in England before shipment. The manures would, therefore, have to be weighed out separately in England for each sub-plot.

(12) The Welsh Plant Breeding Station would be willing to make itself responsible for the necessary seeds, to mix them, and to weigh and put up separately for each centre.

(13) Some firm accustomed to make up mixed manures and to send out manures in small quantities would no doubt do the necessary relative to the manures; such a firm would perhaps be Messrs. E.G. Jepson and Co., 5 Crown Point Road, Leeds, 10.

(14)

(14)

The cost of seeds and manures would be somewhat increased, and there would be a greater cost on bags by adopting this method, but the extra cost could not be more than about 10/- per centre, and would probably not exceed 6/-, and would be more than justified.

(15)

Not a moment is to be lost if it is hoped to despatch seeds and manures on September 26th, 1955, and consequently a decision as to the number of centres for which it is intended to cater will have to be taken almost immediately.

Director,

Welsh Plant Breeding Station.

(SGD.) R. G. STAPLETON.

Agricultural Buildings,
Aberystwyth,
September 10th 1955.



~~150/35~~
150/35

29

ALL COMMUNICATIONS
TO BE ADDRESSED TO THE
CROWN AGENTS FOR THE COLONIES,
THE FOLLOWING REFERENCE AND THE
DATE OF THIS LETTER BEING QUOTED.

S. 160

TELEGRAMS: "CROWN, LONDON".
TELEPHONE: VICTORIA 7730.



4, MILLBANK,
LONDON, S.W.1.

27th September, 1935.

Sir,

I have the honour to inform you that, at the request of the Colonial Office, we have arranged for the shipment to Falkland Islands of certain seeds and fertilisers which we understand are required for pasture grass experimental plots.

2. The consignment consists of 2 bags of seeds and 24 bags of fertilisers, and is being shipped by the s.s. "HIGHLAND MONARCH" sailing to Monte Video from London on the 26th September.

3. I enclose a copy of an invoice received from the suppliers, the Welsh Plant Breeding Station of the University College of Wales covering all the items which are being shipped.

4. We understand that the fertilisers for the respective plots are packed separately and that each of the bags referred to above contains several packages.

5. The shipping numbers and marks are as follows:-

Nos. 91/2 2 bags Seeds.
Nos. 101/24. 24 bags Fertilisers.
Shipping marks:-

: Regn. O.H.M.S.	:
: 160	:
: O.A.G.,	:
: STANLEY	:
: via Monte Video.	:
:	:

6. Shipping documents are being sent to Messrs. MacLean & Stapledon at Monte Video who will reconsign the packages to Port Stanley in the usual way.

I have the honour to be,
Sir,
Your obedient servant,

The Colonial Secretary,
Falkland Islands.

FOR CROWN AGENTS.

WW

COPY.

88066/35

2 RICHMOND TERRACE,

WHITEHALL, S.W.1.

5 September, 1935.

Dear Stapledon,

I mentioned to you, at the Imperial Botanical Conference, that the Government of the Falkland Islands were desirous of having the pasture problems of the Colony examined at an early date by a recognised authority, with a view to ascertaining what steps should be taken to check the apparent deterioration and what experimental, research and other measures might be advisable with a view to effecting an improvement and a further development of the sheep industry.

It was agreed that Mr. Davies was the best selection for this investigation if he could be spared from his duties at Aberystwyth and subsequent to my conversation with you I had a short chat with Davies on the subject. I said that I thought that a period embracing the spring, summer and early autumn months in the Falklands would be the best time for the investigation and upon further consideration I think that allowance should be made for six months in the Falklands and two months for the voyages. It is possible that Davies might be able to do the work in a shorter time, but in framing financial estimates I have suggested that a period of eight months above referred to should be contemplated.

I would be glad if you would let me know whether you would agree to estimates being framed
on

PROFESSOR R.G. STAPLEDON, C.B.E., M.A.

on these lines and whether you think it possible for Mr. Davies to be spared from Aberystwyth and, if so, when. The spring months in the Falklands commence in October. If the proposal goes through, we would be prepared to be responsible for the payment of Mr. Davies' salary whilst he is away, provide him with free passages, a subsistence allowance of £1 per diem whilst he is in the Falklands and 5/- per diem on board ship, a refund of local travelling expenses, and an honorarium of, say, £100 for his report.

Yours sincerely,

(SGD.) F. A. STOCKDALE.



(48)

UNIVERSITY COLLEGE OF SALES.
WELSH PLANT BREEDING STATION.

COPY.

AGRICULTURAL BUILDINGS,
ALEXANDRA ROAD,
ABERTYSTWYTH.

September 4th, 1935.

F.A. Stockdale Esq., C.M.G., C.B.E.,
Colonial Office,
2 Richmond Terrace,
Whitehall,
London, S.W.1.

Dear Stockdale,

In reply to your letter 85066/55 of the 3rd instant. I have been turning the question of the Falkland Islands over in my mind ever since you mentioned it at the Conference the other day, and I have subsequently had a long talk with William Davies relative to the whole matter.

I personally have become very interested in the Falkland Islands because we have made close contact with a number of estates there, and particularly with that of which Mr. Pole-Evans is Manager. Mr. Pole-Evans has visited us repeatedly, and I think he is still in the country, and a son of his at the present time is an "improver" with us in connection with the Cahn Hill Improvement Scheme. We feel, all in, that we know a good bit about the problems of the Falkland Islands here - that as general introduction.

You will appreciate of course that in approaching the question of seconding Wm. Davies I have unfortunately to consider not only the affairs of the Falkland Islands, but the affairs likewise of this Institution, and in considering the affairs of this Institution I am in the ridiculous position of having rather considerably to consider myself.

Two

Two very great difficulties present themselves. In the first place there is the Fourth International Grassland Congress which is, as you are probably aware, to take place in Britain in 1937, and unfortunately for myself I am President, and the arrangements devolve rather considerably upon me; also the Congress, unfortunately, is to be based to a large extent on Aberystwyth. In regard to all the arrangements I am relying heavily on Davies, who, with Whyte of the Bureau, is co-Secretary for the Congress, and it is Davies more particularly who has got all the matters at his finger tips. Up to the present, and for some considerable while longer I am afraid I am concerning myself very little in any direct way with the arrangements - that is one trouble.

The other trouble is that now that Davies has had to give up his position as Imperial Grassland Investigator, and has reverted to his previous position on the staff here, I have placed him in general charge of all our grassland investigations other than plant breeding, and I am in the middle of somewhat re-organizing this, the largest, and in some ways the most important, Department of our work. These arrangements are just now in full swing, and it would be rather devastating to mark time, the more so as I am not anxious just at present myself to take charge of all the details of this Department.

Having regard to these difficulties, and also having regard to a further very important consideration relative to the Falklands themselves, I am inclined

(46)

inclined to suggest that under all the circumstances the best plan would be to defer the visit of Davies to the Falklands till the spring (The Falklands spring) of 1937, and I would suggest that Mr. Davies would probably leave this country in about October of that year.

This is the point in regard to the Falklands themselves. I repeat that we have considerable knowledge of the problems in the Falklands, and there is no doubt at all Davies's visit, and the suggestions that he would be able to make, would be of enormously increased value if certain quite small and primitive experiments could have been laid down almost immediately - experiments which would be showing their hand by the spring of 1937, and on the basis of which, added to a critical survey made by such a man as Davies, I think it would be possible to draw up an extraordinarily important and valuable report which could be put forward with almost complete confidence. The whole point is that until you experiment you are nowhere. Let me take a concrete example. It was as long ago as 1912-13 that I was making a survey of these Welsh hills - a survey on what was then to me an unknown country. I very soon realized that here was country capable of great improvement, but I did not know from Adam what was right to be done about it. Not till about 1929 had I any opportunity to lay down simple experiments. Almost immediately as a result of these simple experiments the whole future of what could, and ought, to be done lay crystal clear before me, and thus with the Falkland Islands. Davies and I, between us, could very quickly draw up a little memorandum of the type of experiments we could suggest being laid down at different places on the Islands.

We are not thinking in terms of replicated plots or anything that would create difficulty - just patches and strips. It would be necessary for some central authority to take responsibility for a comparatively small outlay in seeds and manures, and arrangements would have to be made for the shipment of these to arrive in the Falklands in time for sowing this coming spring or early summer. The seeds would consist, to quite an appreciable extent, of pedigree strains which have been produced at this Station. We are just now thrashing and cleaning up our seeds, and would be prepared to allocate as generously as we reasonably could for the experiments we have in mind, and we at this Institution would be prepared to give every possible assistance in every way in regard to obtaining the necessary seed of strains and varieties other than those that are produced at this Station.

My own considered opinion is, apart altogether from the difficulties with which I am faced relative to releasing Davies almost immediately, that the really sound and most sensible thing to do in the interest of the Falkland Islands would be to set up these few experiments as soon as possible, and to defer the survey of the Islands until the Falkland spring of 1937.

If for reasons of expediency, with which of course I would not be acquainted, it was necessary to send somebody to the Falklands comparatively immediately I should perhaps be willing to endeavour to spare Davies, but on the balance I think to do so would be
hardly

hardly fair to this Institution. On the other hand I might be able to spare a member of my staff other than Davies. In this latter event I am not quite sure whether I should suggest Mr. Trefor Thomas, who is Grassland Adviser for Wales, or Mr. Iorwerth Jones, both of whom are exceedingly competent grassland men, but neither of whom have had the wide experience of Davies, for I regard his (Davies's) two years in New Zealand and one year in Australia as representing a capital of information which is of inestimable value in relation to advising as to the grassland conditions of almost all parts of the Empire, and I cannot think of anybody among all the grassland workers of the whole Empire who would be likely to sum up accurately the position of the Falklands as well as would Davies, and I am inclined to think that failing him one of my other grassland people would perhaps be in a position to sum up the conditions rather better than a man from another Institution. If I had to make a suggestion going outside my own Institution I think I might be tempted to suggest Mr. Bruce Levy of New Zealand; but, excellent man as he is, he thinks within rather too narrow a circle. The outstanding merit of Davies is that he has got the complete philosophy of the whole thing, and I can only give it as my considered opinion that the best solution would be a little experiment now and Davies in 1937, and I shall not put further good thought and energy into considering alternatives till I hear your reaction to the proposal I have now made.

It will be understood, of course, that in regard to Davies or any other member of my staff who might

be

be seconded, it will be necessary for me to obtain the approval of my governing body on the one hand, and of the Ministry of Agriculture on the other, both of which approvals I have little or no doubt would be readily forthcoming.

I think the type of financial arrangement you suggest should be satisfactory to all parties. The job would mean a lot of very hard work and hard thinking; I think, therefore, thoroughly deserves an honorarium.

I only wish I was that much younger, possessed of that much robust health, and tied up with rather fewer commitments, when I should dearly have loved to join Pole-Evans and myself sail for the Falklands almost forthwith. That is quite impossible either now or at any future time, but I am quite confident that Davies would do the job as well as, or perhaps better than, I would myself.

(SGD.) R. G. STAPLEDON.

COPY.

2, RICHMOND TERRACE,
WHITEHALL, S.W.1.

7th September, 1935.

Dear Stapledon,

Thank you for your letter of September 4th relative to an Investigational Survey of the Pastures of the Falklands.

I have discussed your letter and the matter generally with the Falklands Department of the Office, and we feel that as it will be impossible to arrange for any one to visit the Falklands this year, we should refer back to the Colony and ask them whether they would prefer to have a visit from either Mr. Thomas or Mr. Jones in 1936 or await until 1937 for a visit from Mr. Davies. Personally, I am rather inclined to favour the latter but it is possible now that a certain enthusiasm has been aroused amongst stock owners that the Governor will advise that a visit in 1936 is desirable.

Your suggestion in regard to laying down experimental plots of an elementary character I consider to be valuable, as observations on such plots in either 1936 or 1937 might afford information of considerable value to the officer eventually selected for the survey. Could you let us know what you would recommend in this direction, and give as early as possible an estimate of the cost of seeds and manures which would be required. If this is not high, it might be possible to obtain authority for the expenditure in order that a beginning be made this year.

I

Professor R.G.Stapledon, C.B.E., M.A.

I would not recommend anything elaborate and would hope that the expenditure you have in mind for the purchase of seed and manures would not be high.

The next mails for the Falklands are September 13th direct boat arriving at Port Stanley on October 17th, September 28th with transfer at Monte Video arriving at Port Stanley on October 27th, and November 9th with transfer at Monte Video arriving at Port Stanley on December 7th. The seeds, I presume, could be sent as mail, but manures would have to be sent as freight and transfer at Monte Video I gather cannot always be guaranteed.

If you would send me at an early date a rough idea of the experiments you would suggest, and an estimate of the expenditure required in this country, attempts will be made to secure authority for the expenditure (if it is only a comparatively small sum) so that shipments could be made by the opportunity of September 28th at the latest.

I am,

Yours sincerely,

(SGD.) F. A. STOCKDALE.

COPY.

UNIVERSITY COLLEGE OF WALES.
WELSH PLANT BREEDING SECTION.

AGRICULTURAL BUILDINGS,
ALEXANDRA ROAD,
ABERYSTWYTH.

September 9th, 1955.

F.A. Stockdale Esq., C.M.G., C.B.E.,
Colonial Office,
2 Richmond Terrace,
Whitehall,
London, S.W.1.

Dear Stockdale,

I have your letter of the 7th instant, contents of which I have noted, and I very much hope that the ultimate decision will be in favour of Mr. Davies in 1957, as I am sure this would be much the more satisfactory from the Falklands point of view, and to spare anybody in 1956 would not be easy.

I will go forthwith into the matter of details of the little experiments I have in mind, and in consultation with Davies, and will send you along a memorandum by an early post. I shall post it tomorrow.

Yours sincerely,

(SGD.) R.G. STAPLEDON.

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COPY.

UNIVERSITY COLLEGE OF WALES.
WELSH PLANT BREEDING STATION.

AGRICULTURAL BUILDINGS,
ALEXANDRA ROAD,
ABERYSTWYTH.

September 10th, 1935.

F.A. Stockdale Esq., C.M.C., C.B.E.,
Colonial Office,
2 Richmond Terrace,
Whitehall,
London, S.W.1.

Dear Stockdale,

I have given the best thought I can to the question of the simple experiments for the Falklands, and I enclose herewith a memorandum which I think makes the whole matter abundantly clear.

I have said in the memorandum that we at the Welsh Plant Breeding Station would be willing, if so desired, to do everything necessary in regard to preparing the seeds mixtures ready for despatch, and I would only emphasize, as I have pointed out in my memorandum, that there is no time to be lost if there is to be reasonable hope of despatching everything on September 26th, and, therefore, it is essential that a decision be made almost immediately with regard to the number of centres which it would be proposed to cater for.

I need only add that if these experiments could be got down during the coming spring or early summer in the Falklands they would be absolutely invaluable to an expert visiting the Islands at a later date, while the results of the experiments to a properly trained man would be infinitely more informative in 1937 than they would be in 1936, which latter would only be the first year after sowing.

(34)

I shall hope and expect to hear from you at a very early date as to your further wishes.

Yours sincerely,

(SGD.) R. G. STAPLEDON.

SGD

SGD

COPY.

2 RICHMOND TERRACE,
WHITEHALL, S.W.1.

13th September, 1935.

Dear Stapledon,

I have to acknowledge the receipt of your letters of September 9th and 10th. Before the receipt of your letter of the 10th, a telegram was sent to the Governor of the Falklands asking if he would let us know how many plots he could have laid down this season and if he would authorize the necessary expenditure (based on your Estimates) for the seeds and manure required.

We have to-day had a reply that he could arrange for twelve plots and that the Falklands Government would meet the expenditure required for seeds and manure.

I have also seen Mr. Pole Evans, of the Falklands, and he gave me encouraging information about the plots of wild white clover which he has already tried and of the results being obtained from the application of phosphatic manure on these plots. He said that if the sowing of seed was done before the first week in December a good stand should be secured.

We would, therefore, be glad if you would arrange to have prepared the seed required for twelve (12) half-acre plots as mentioned in your memorandum. You kindly said that the Welsh Plant Breeding Station would make itself responsible for the seeds.

We would also be glad if you would place the orders for manures to be weighed and made up separately for each centre. We agree that this order could be placed as you suggest with Messrs. E.G. Jepson and Coy. of Leeds.

Professor R.G. Stapledon, C.B.E., M.A.

The seeds and manure should be addressed to the Officer Administering the Government of the Falklands and consigned to the "highland Monarch" sailing on September 28th. This closes for cargo at the Royal Albert Dock, London, on September 26th.

The Crown Agents will be asked to get into touch with you and with the suppliers of the manure (viz. Messrs. Jepson and Coy.) and supply the necessary shipping instructions.

The accounts should be sent to the Colonial Office (addressed to the Under Secretary of State) and the Crown Agents will be given authority to pay. I estimate that a sum of £60 should cover the cost of all seeds and manure and freight to the Falklands.

We have sent by the mail of today copies of your letter and memorandum and will follow these up by official despatches by the next mail.

I am,

Yours sincerely,

(SGD.) F. A. STOCKDALE

FALKLAND ISLANDS.

NO.

118.

Downing Street,

27 September, 1935.

Sir,

I have the honour to refer to your despatch No. 85 of the 22nd June with which you submitted an application for assistance from the Colonial Development Fund for the improvement of the pastures of the Falkland Islands.

2. The scheme which you submit contemplates a visit by a technical expert to report on the measures to be taken to improve the grazing lands of the Colony, and thereafter a programme of experimental work extending over a period of ten years. You accordingly ask for a free grant of £20,000 made up as follows:-

For services of technical expert £750.

For experimental work, annual payments of £2,000 spread over a period of ten years £19,250.

3. My Agricultural Adviser has been in consultation with Professor R.G. Stapledon, Director of the Welsh Plant Breeding Station, Aberystwyth, in regard to the scheme; and as a result of the correspondence (copies of which as set out in the accompanying schedule are enclosed) I informed you in my telegram No. 74 of the 11th September that I was advised that no member of the Welsh Plant Breeding Station could be spared to visit the Colony before next year at the earliest and that the visit should be preceded by the laying down at once of at least ten experimental

Schedule

GVERNOR

H. BENNIKER-HEATON ESQ., C.M.G.,
&c., &c., &c.

experimental plots in various parts of the Colony as the information obtained therefrom would be invaluable to a technical expert visiting the Falkland Islands at a later date.

4. You have in your telegram No. 61 of the 12th September agreed to the proposal regarding the experimental plots and expressed the hope that you will be able to arrange for at least twelve plots to be prepared. Arrangements are accordingly being made for the despatch of the necessary seed and manures sufficient for twelve instead of ten plots, and I have informed you in my telegram No. 77 of the 20th September that they will if possible, be despatched by the S.S "Highland Monarch" leaving London on the 28th September; that the plots should each be half an acre in extent; and that advance copies of a memorandum of instructions have already been sent to you semi-officially by the mail of the 13th September. Additional copies of the memorandum will be found with the copies of correspondence enclosed in this despatch. I shall in due course advise you by telegram as to the actual despatch of the seeds and manures.

5. You will observe from the accompanying correspondence that Mr. William Davies, whom Professor Stapledon would recommend as technical expert, could not be released until the southern spring of 1937, but that, if an earlier visit is regarded as essential, it might be possible to arrange for some other member of the staff at the Welsh Plant Breeding Station to be spared for a visit next year. You will note, however, that in his letter of the 4th September Professor Stapledon stat

that it is his considered opinion that the best course in the interests of the Colony would be to set up the proposed experimental plots as soon as possible and to defer the survey of the Colony until the southern spring of 1937. I am disposed to accept this view; but I request that I may be furnished with an expression of your views on this aspect of the matter.

6. In the circumstances no steps are being taken at present to approach the Colonial Development Advisory Committee, and I consider that in the first instance, the application should be limited to the cost of the visit of the technical expert, the question of any further application being deferred until his report is available. I suggest, therefore, that you should in due course submit an amended application relating to the visit of the technical expert only; and I am advised that on the basis of computation in the last paragraph of Mr. Stockdale's letter of the 3rd September, the total expenditure for this purpose may be estimated at a round figure of about £900 for a visit, including voyages, covering a period of about eight months. I thought it desirable, however, to inform you in my telegram No. 74 of the 11th September that I am not in a position to give any undertaking whatever on behalf of the Colonial Development Advisory Committee which is an independent body.

I have the honour to be,

Sir,

Your most obedient,

humble servant,

(Sgd.) MALCOLM MACDONALD

Schedule of Correspondence.

Mr. Stockdale to Professor Stapledon	3rd September, 1935
Professor Stapledon to Mr. Stockdale	4th September, 1935
Mr. Stockdale to Professor Stapledon	7th September, 1935
Professor Stapledon to Mr. Stockdale	9th September, 1935
Professor Stapledon to Mr. Stockdale (with memorandum)	10th September, 1935
Mr. Stockdale to Professor Stapledon	13th September, 1935
Professor Stapledon to Mr. Stockdale	18th September, 1935.

MEMORANDUM BY PROFESSOR R.G. STAFLETON, DIRECTOR
OF THE WELSH FLANT BREEDING STATION, ABERYSTWYTH,
RELATIVE TO SIMPLE EXPERIMENTS IN CONNECTION WITH
AN INVESTIGATIONAL SURVEY OF THE PASTURES OF THE
FALKLAND ISLANDS.

(1)

The suggestion is to lay down at least ten, and up to fifty very simple experiments. The aim of the experiments is to ascertain whether the problem is largely one of fertility and the introduction of better species and strains of grassland plants. The evidence from such experiments would be invaluable to a competent grassland expert subsequently visiting the Islands.

(2)

It is suggested that a basal plot of half an acre should be put down at each centre. The centres should be chosen with a view to covering as many of the conditions of climate and soil and of methods of management as possible. It is essential that the worst land as well as the most fertile on the Islands should be brought into the scheme.

It is evident that the scheme was never intended to be carried out on the Falkland Islands as far as the Station.

(3)

The basal plot will consist of a single seeds mixture made up as under (in lb. per acre, and in lb. per centre):-

	<u>lb. per</u> <u>acre.</u>	<u>lb. per</u> <u>centre.</u>
Leafy perennial rye-grass, i.e. } Welsh Flant Breeding Station } S. 23 and (or) Kentish Old } Pasture }	15	7½
Leafy cocksfoot, i.e., Welsh } Plant Breeding Station S. 26 } and (or) New Zealand }	15	7½
Crested dogstail	3	1½
Rough-stalked meadow grass	2	1
Kentish wild white clover	2	1
Various indicator species and } strains }	2	1
	<hr/> 39	<hr/> 19½

NOTE. The extent to which the Welsh Plant Breeding Station strains of rye-grass and cocksfoot would have to be supplemented with "Kentish old pasture" and "New Zealand" respectively would depend upon the number of centres decided upon.

(4)

It would be open to the several occupiers and experimenters to sow the seed as each saw fit. It would be hoped that some would plough and sow on a fully prepared surface; that others would heavily scratch the existing vegetation and sow without further preparation; that yet others would sow on the existing vegetation without any cultivation of any sort or kind. Fencing would not be regarded as a necessity, indeed it is to be hoped that some areas would be fenced and others left to fight their way against the grazing animal. The wider the range of management and of soil and vegetational conditions which the experiments embrace by that much the more informative.

*Platons
have not
followed
the
recommendation
made.*

(5)

Each basal plot (the whole of which is to be sown out with the above seeds mixture) would be divided into five sub-plots for the purpose of manurial trial. The manures should be applied before sowing the seeds, and in the cases where cultivation of any sort is undertaken before the final act of cultivation.

The manurial dressings for the five sub-plots are to be as follows (in cwt. per acre and lb. per plot) :-

	<u>Cwt.</u> <u>per acre.</u>	<u>Lb. per</u> <u>plot.</u>
(1) Superphosphate	5	56
(2) Basic slag (high grade)	10	112
(3) No manures	-	-
(4) Basic slag (high grade)	5	56
(5) Rock phosphates	5	56

(6) /

(6)

In addition to the above manurial dressings, a strip of one-third of the width of the basal plot will be cross-dressed with C.C.F. No. 2, (Imperial Chemical Industries complete manure) at the rate of 3 cwt. per acre, right across all the sub-plots (including, of course, the "no-manure" sub-plot = sub-plot (3)), this would mean 56 lb. of C.C.F. No. 2 per centre.

(7)

It is important that at each centre the same plan as to lay out is adopted. The basal plot (half an acre) should be five times as long as broad, and then divided into the five sub-plots. The sub-plots should bear the same relation to each other at all centres and should be arranged so that sub-plot (1) stands towards the north or towards the east, according as the nature of the land may make desirable.

The plan of the experiment would therefore be as under :-

Half an acre above Lb. per sub-plot.

N	Super-phosphate 56 lb.	Slag. 112 lb.	No manure.	Slag 56 lb.	Rock phosphates. 56 lb.
or	(1)	(2)	(3)	(4)	(5)
E	C. C. F. S T R I P.				

Half Acre Basal Plot.

(8)

The date of sowing seeds and of applying manures, and of all operations, must be carefully noted, and a copy of the plan with essential dates should be deposited for each centre at a Central Office as soon as the experiment has been laid down.

(9)

It is very desirable that notes should be taken by each experimenter from time to time as to the behaviour of the several sub-plots, and as to the reaction of stock, vermin and pests to the new vegetation, in the event of such new vegetation materialising. It is also important that records are kept as to the general management to which the several areas containing the several plots have been subjected.

CIRCULAR.

M.P. No. 150/35.

Colonial Secretary's Office,
Stanley, Falkland Islands.

29th October, 1935.

Sir,

With reference to the subject of the improvement of pastures in the Colony I am directed to enclose herewith a Memorandum relative to this matter prepared by Professor R.G. Stapleton of the Welsh Plant Breeding Station, Aberystwyth, and to inform you that two packages containing seed and manure are being forwarded to you by the S/S Lafonia due to leave Stanley on or about the 30th instant.

I am,

Sir,

Your obedient Servant,

MCH

Colonial Secretary.

The Manager,

Darwin.
San Carlos
Port San Carlos.
Teal Inlet.
Port Stephens.
Fox Bay East.
Chartres. (89)
Hill Cove.
Pebble Island.
Port Howard.

THE MANAGER,

GOVERNMENT HOUSE,
STANLEY.

5th November, 1935.

FALKLAND ISLANDS.

No. 154.

Sir,

Red 54

I have the honour to acknowledge the receipt of your despatch No. 118 of the 27th of September on the subject of my application for assistance from the Colonial Development Fund for the improvement of the pastures of this country.

2. I have to thank you very much for the early attention given to this matter and the action of your Agricultural Adviser in taking steps which have enabled the initial measures to be carried out here for experimentary work. I would ask also if the appreciation of this Government can be conveyed to Professor Stapledon for the deep personal interest he is giving to the improvement of our grazing lands.

3. I am satisfied that it is in the best interests of the scheme that the visit of Mr. William Davies as technical expert should be awaited until the latter end of 1937. I intend to ask for seed and manure next year for an additional thirty or forty plots in order that the experiments may be as wide spread as possible.

4. I will make a separate application next year for a grant of £900 from the Colonial Development Fund for defraying the cost of the visit of Mr. Davies.

5./

THE RIGHT HONOURABLE
MALCOLM MACDONALD, M.P.,
SECRETARY OF STATE FOR THE COLONIES.

5. I am causing a copy of your despatch and of this acknowledgment to be published here.

I have the honour to be,

Sir,

Your most obedient
humble servant,

(Sgt.) H. HENNIKER-HEATON

DECODE.

TELEGRAM.

From MANAGER, PEBBLE,

To COLONIAL SECRETARY.

Despatched: 4th November, 19 35. *Time:* 1625.

Received: 5th November, 19 35. *Time:* 1115.

Red 59.

Your circular 29th October I have received artificial manures for sub plots numbers four and five only. Nothing sent for number two and the C C F strip I await your instructions before sowing seed.

Manager, Pebble.

DECODE.

TELEGRAM.

From PEBBLE,

To SERVICE.

Despatched : 19 Time :

Received : 6th November, 19 35. Time : 1115.

Red 62.

My message No.3 4th November to Secretary should read :-
Artificial manures for sub plots numbers 1 4 and 5.

Pebble.

DECODE.

TELEGRAM.

From COLONIAL SECRETARY,

To MYLES , FOX BAY.

Despatched : 7th November, 19 35. Time : ...

Received : 19 ... Time : ...

Following for Managers Port Stephens, Fox Bay East, Chartres, Hill Cove, Port Howard :-

With reference to artificial manures grass experiments classes and quantities for planting subsections as shown in Professor Stapleton's memorandum appear to have been despatched incorrectly. Kindly state if you have received correct classes and quantities if not manure should not be used until arrangements can be made for correct allotments.

Colonial Secretary

DECODE.

65

TELEGRAM.

From THE COLONIAL SECRETARY,

To THE MANAGER, PEBBLE ISLAND.

Despatched : 7th November, 19 35 ..Time : ...

Received : 19 ... Time : ...

Red 62.

Your telegram 4th November meantime manure should not be used.
Other Stations have been communicated with when it may be
found possible to allot the different classes and quantities.

Colonial Secretary.

Received By:-

Darwin.....	2	bags of Seed.	} <u>H. Zimmerman</u>
"	2	bags of Manure.	
San Carlos.....	1	bag of Seed.	} <u>St. Bonaventura</u>
"	1	" " Manure.	
Teal Inlet.....	1	" " Seed.	} <u>Not taken</u>
"	1	" " Manure.	
Port San Carlos...	1	" " Seed.	} <u>A. Alexici</u>
" " " ...	1	" " Manure.	

Chartres.....	1	bag of Seed.	} <u>A. Putter</u>
"	1	" " Manure.	
Port Stephens.....	1	" " Seed.	} <u>St. Robinson</u>
" "	1	" " Manure.	
Hill Cove.....	1	" " Seed.	} <u>A. Zimmerman</u>
" "	1	" " Manure.	
Pebble Island.....	1	" " Seed.	} <u>In Zippen</u>
" "	1	" " Manure.	
Fox Bay East.....	1	" " Seed.	} <u>Deullwans for manager</u>
" " "	1	" " Manure.	
Port Howard.....	1	" " Seed.	} <u>St. F. Lee</u>
" "	1	" " Manure.	

DECODE.

150/35.

(67)

TELEGRAM.

From Operator, Fox Bay.

To Colonial Secretary, Stanley.

Despatched: 11th November, 1935. *Time*: 0930.

Received: 11th November, 1935. *Time*: 1400.

Your telegram of 7th November following from Manager Port Howard begins Regards Professor Stapletons Memorandum I have observed manures etc were wrong I am returning all received by first opportunity and have no wish to have further dealings regards this matter - Pole Evans. From Manager Hill Cove 112 lbs slag short and no seeds C C F manure. No remarks from other Managers to date.

DECODE.

68

TELEGRAM.

From MYLES, FOX BAY,

To COLONIAL SECRETARY.

Despatched : 15th November, 19 35. Time : 1300.

Received : " " 19 " Time : 1045.

Recd 6/4.

Your telegram of 7th November following from Manager Chartres
1 cwt basic slag short and necessary C.F C

Myles.

DECODE.

180/35.

(69)

TELEGRAM.

From MYLES, FOX BAY.

To COLONIAL SECRETARY.

Despatched : 20th November, 1935. *Time* : 1445.

Received : " " 19 " *Time* : 1045.

Following from Manager Port Stephens I am short of 56
pounds each basic slag super phosphate rock phosphate
Robertson.

Myles.

12 Large bags

Cross dressing

See plot .1.

" " 2

" " 4

" " 5

Containing

6. 56 lb Bags C.C. 4. No. 2.

6. 56 " " Superphosphate

6. 112 " " Basic Slag

6. 56 " " " "

6. 56 " " Rock Mineral Phosphate

DECODE.

TELEGRAM.

From COLONIAL SECRETARY,

To MR. BARTON, PEBBLE ISLAND.

Despatched: 27th November, 19 35. Time: ...

Received: 19 ... Time: ...

Artificial manures for sub-plots 1, 4 and 5 were despatched by "Lovart".

Colonial Secretary.

*This manure sent
to sub-plot - accuracy
for sub-plots 1, 4 and
5 already received at
Pebble Island. Will
no doubt be returned.
MCH
15. XII 35*

DECODE.

(71)

TELEGRAM.

From OPERATOR, FOX BAY.

To COLONIAL SECRETARY.

Despatched: 5th December, 19 35. *Time*: 9. 30.

Received: " " 19 " *Time*: 1115.

Following from Manager Fox Bay 56 lbs CCF nr2 112 lbs.
basic slag writing Clement.

Myles.

In Bonners Lane Curves

✓ 56 lbs Basic Slag

✓ 56 lbs Superphosphate

✓ 56 lbs Rock phosphate

In Chartres

✓ 1 cwt Basic Slag

✓ 56 lbs C. C. F.

In Hill Com

✓ 1 cwt Basic Slag

✓ 56 lbs C. C. F.

Packed and delivered to F. J. Co. Ltd
warehouse 11.30 am. 14/12/35. Blundell in CH

through the station.

May I take this opportunity of wishing you and Mrs. Halkett
my sincerest good wishes for Christmas and the coming new year.

Yours sincerely,

Wickham Clement

Packe Brothers & Co. Limited.

FOX BAY,
FALKLAND ISLANDS.

12th. December, 1935.

Dear Mr. Halkett,

Thanks for your letter, the reason I was so long in answering the first request that the Government made concerning the grass seed, was that the Circular containing the information was posted to Mr. Robson and I did not get this till just lately.

The half acre mentioned would be far too much for us to kaa handle with no plough, and cutting up the ground by hand would take too much time, situated as we are.

We cut tussock for our station use and have had no need to grow oats, hence the absence of the plough.

With regard to the Quarantine Station, as you no doubt know we are up to our eyes in work, building, fencing etc. and are absolutely unable to do any outside work of this kind, but as I told Mr. Roberts, we would try and do the fencing for the Quarantine Station when it could be fitted in, and I told him that the other farmers would probably be able to do the building and dip if approached, but no one seems to want to have anything to do with it.

Wool is light this year, but very bright, and we are hoping for good prices, I shall be glad when the merino strain gets

(2)

Fox Bay,
West Falklands.

12th, December, 1935.

The Hon.
The Colonial Secretary,
Colonial Secretary's Office,
Stanley.

Sir,

With reference to the grass seed and manures landed at Fox Bay, I did not understand from my conversation with His Excellency the Governor, while in Stanley that the plot of ground to be put under cultivation would be as large as half an acre, and as we have no plough or other agricultural implements on this farm the ground would have to be turned over by hand, which would be out of the question.

2. I suggest that the grass seed etc. should in the circumstances be sent back to Stanley, as no doubt that some other might be glad to have it.

I have the honour to be,

Sir,

Your obedient servant,

W. H. Clement.

IMPROVEMENT OF PASTURES EXPERIMENT.

Grass seed and artificial manure was sent to the undermentioned Stations:-

- Darwin and Lafonia.
- Port San Carlos.
- South San Carlos.
- Teal Inlet.
- Pebble Island.
- Port Howard.
- Chartres.
- Hill Cove.
- Port Stephens.
- Fox Bay East.

and also for a piece of ground on the Stanley Common.

.... ...

I. The grass seed and artificial manures was received from the U.K., on the 26th of October, 1935. The Inspector of Stock was instructed by me to obtain the seed with as little delay as possible, open same and place it in packages of equal weight for despatch to Stations. This was done and the seed was sent out by the s.s. "lafonia" on the 28th of October.

2½ 24 bags containing artificial manures were received. The Inspector of Stock was instructed to obtain and examine this but he reported that it would not be possible to land the manure if it was to be sent to Stations at the same time as the grass seed. I thereupon instructed him to go on board the "Lafonia" and endeavour to obtain a bag with a view to ascertaining if the bags contained other packages of manure. This was done and he reported that the bags contained other packages but that the actual contents was not set out on the labels. I informed the Inspector of Stock that it was imperative that the manures should go with the grass seed as the

time for planting was getting late and that he should arrange with the mail officer to deliver at each Station:-

1 package of grass seed.

2 bags of assorted manures.

I handed the Inspector of Stock a note regarding this but on receiving the receipt signed at various Stations (red 66) I was surprised to note that one bag only of manure had been delivered at each Station instead of two bags as instructed.

3. On the return of the Inspector of Stock from the Camp I asked him why my instructions had not been carried out as I had distinctly set out in the note I had handed to him "two bags of manure" for each Station in addition to one package of grass seed. He admitted that I had told him two bags of manure but stated that he had got someone in the Post Office to type out a list to be signed at each Station but that they had apparently misunderstood him and one bag only was entered on the list. He stated that my original note had not been kept as the list had been typed for the mail officer to get receipts for the seed &c delivered.

In consequence of this one-half the manure was brought back to Stanley instead of being delivered. As a result Stations were short of certain classes of manures to enable all experiments suggested to be carried out. Those Stations who reported a shortage were supplied with the deficiency at a later date.

4. In the case of Pebble Island, the consignments of the same classes of manure were sent in error, this being due to the Inspector of Stock who sent the first consignment being absent from Stanley, the second consignment having been dispatched by the Common Ranger who was given a note of the manures to be sent. Owing to a mistake the particulars were taken from the wrong list.

5. The regrettable failure in distributing the

(2)

Yes.

manures was due in the first instance to me instructions not having been carried out regarding the distribution of the whole of the manure. Apart from this it would have been preferable had some officer been detailed to accompany the consignments to each Station so that any errors could have been rectified on the spot.

6. In the case of Port Howard, I understood in conversation with Mr. Pole Evans that he thought the experiments should be made on ground which had not been ploughed. The grass seed and manure sent to Port Howard was returned presumably because the prepared ground had already been put under oats and grass.

The seed and manure sent to Fox Bay East was likewise returned, the Manager stating that he had no means of preparing the ground for planting.

7. It is understood that the grass seed sent to other Stations has been planted and the manures used. Some of these received material to carry out six experiments in one plot, namely:-

- Port Stephens.
- Hill Cove.
- Chartres.
- Teal Inlet.
- S. San Carlos.
- Darwin.

while others such as Pebble Island and Port San Carlos could only carry out experiments in accordance with the class of manure received by them.

In addition two plots were planted on the Stanley Common where the ground is of the same nature as that in other parts of the Colony.

MCH
C.S.



FALKLAND ISLANDS.

NO. 149.

Downing Street,

18 December, 1935.

Sir,

I have the honour to acknowledge the receipt of your despatch No. 154 of the 5th November, 1935, regarding your application for assistance from the Colonial Development Fund towards a scheme for the improvement of pastures in the Colony; and to transmit to you a copy of a letter to Professor Stapledon, from which you will see that I have had much pleasure in associating myself with your expression of appreciation of his valuable assistance in the matter.

I have the honour to be,

Sir,

Your most obedient,

humble servant,

(Signed) J. H. THOMAS

Red 61

17 12. 35.
To Professor Stapledon.

GOVERNOR

H. HENNIKER-HEATON ESC., C.M.C.,
etc., etc., etc.



17 December, 1935.

Sir,

I am directed by Mr. Secretary Thomas to refer to your correspondence with Mr. Stockdale regarding the scheme for the improvement of pastures in the Falkland Islands, and to inform you that the Governor of the Falkland Islands has now expressed his opinion that it is in the best interests of the scheme to await the visit of Mr. William Davies as technical expert towards the end of 1937. The Governor also states that it is his intention to ask for seed and manure next year for an additional thirty or forty plots in order that the experiments may be as widespread as possible.

A despatch is expected later from the Governor on the subject of the provision of the necessary

necessary funds, and a further communication will be addressed to you when this has been received: it is however, understood that the approval of your Governing Body and of the Ministry of Agriculture must be secured before any definite arrangements can be made for a visit by Mr. Davies.

3. The Governor has requested that the appreciation of the Government of the Falkland Islands may be conveyed to you for the deep personal interest which you are devoting to this matter, and Mr. Thomas has much pleasure in associating himself with this expression of appreciation of the valuable assistance which you have been as good as to render to the Colonial Government.

I am,

Sir,

Your obedient servant,

(Signed) J. E. SHUCKERILL

Amount of fertilizers in rice shed.

Total Stock in hand

^{each 56 lbs}
Rock Mineral
4 bags

^{56 lbs}
C.C.F
4 bags

^{56 lbs}
Superphosphate
4 bags

^{112 lbs}
Basic Slag
4 bags

^{56 lbs}
Basic Slag
3 bags. total 19 bags

1 bag Seed.

Returned from Charles

1 cut bag basic Slag.

1/2 " " " "

1/2 " " Rock Mineral

1/2 " " C.C.F

1/2 " " Superphosphate

Returned from Port Howard

1 cut Basic Slag } Damaged

1/2 " C.C.F }

1 bag Seed.

The warehouse man at F. J. C. says that
no change or seed has been
returned from J.H. Bag. Port.

3rd July 1936.

B.F.

184

24

3.
2.



COPY.

University College of Wales.
Welsh Plant Breeding Station.

Agricultural Buildings,
Alexandra Road,
Aberystwyth.
December 19th 1935.

Sir J.E. Shuckburgh, K.C.M.G., C.B.,
Colonial Office,
Downing Street,
London, S.W.1.

Sir,

I am in receipt of letter from the Colonial Office dated December 17th, and I am very glad to know that the Governor of the Falkland Islands has expressed the opinion that it is in the best interests of the scheme to await the visit of Mr. William Davies as technical expert towards the end of 1937. I also note that it is the Governor's intention to ask for seeds and manures next year for additional plots, and this I regard as being very much to the good.

I will approach my Governing Body and the Ministry of Agriculture with a view to getting tentative approval for the visit to be made by Mr. Davies, pending the dispatch from the Governor relative to the provision of the necessary funds.

I am only too pleased to be of any little assistance in regard to this matter, and am happy that the Governor of the Falkland Islands and Mr. Secretary Thomas appreciate the assistance that I am endeavouring to give.

I am, etc.,

(SGD.) R.G. STAPLEDON.

Director,
Welsh Plant Breeding Station.



80

A
1

Reference to previous correspondence:-
Secretary of State's Despatch No. 149 of the
~~Government~~

19th December, 1935.
.....19.....

FALKLAND ISLANDS.

No. 1
.....

DOWNING STREET,

10th January, 1936.
.....19.....

Sir,

for your information, a copy of
I have the honour to transmit to you/the papers
noted below on the subject of a scheme for the improvement
of pastures in the Colony.

I have the honour to be,

Sir,

Your most obedient, humble servant,

THE OFFICER ADMINISTERING

THE GOVERNMENT OF THE FALKLAND ISLANDS.

J. H. THOMAS.

Date.	Description.
19th December, 1935.	From Professor Stapledon.

150/35.

6th April,

36.

Sir,

Red 81

With reference to your letter dated the 15th of February, 1956, I have the honour to inform you that the undermentioned Artificial Manures have this day been despatched to you by the s.s. "Patagonia"

Basic Slag	112 lbs.
C.C.F. No. 2	56 "

I am,

Sir,

Your obedient servant,

MCH

Colonial Secretary.

The Honourable
N. Keith Cameron, M.L.C., J.P.,
Port San Carlos,
EAST FALKLAND.

Colonial Secretary's Office,
Stanley, Falkland Islands.

1st April, 1936.

Sir,

With reference to the attached copy of an article in the 'Penguin' on the improvement of grass lands, I am directed to enquire whether you are willing to sow one or more experimental plots in the spring or early summer of this year in preparation for the visit in 1937 of the expert from the Welsh Plant Breeding Association. The Government will provide the seeds and manure and deliver them on the farm or hand them over to your agent in Stanley if you so desire, free of cost to your farm.

2. Having regard to the overwhelming importance of improving the pastures in this country and the immense value attached by Professor Stapledon to experimental plots His Excellency hopes profoundly that you will take a strong personal interest in the project.

3. I am to suggest for your consideration that it seems possible that especial value may attach to plots formed on rough open camp cleared and scarified as in an example cited in the 'Penguin'. It has been suggested also that the application as manure of some readily obtainable local material such as kelp that has been allowed to rot, bone or guano might be of experimental value.

4. I am to ask therefore that you will let me know within the next month whether you will take seeds and fertilizer for one or more plots. It is particularly desirable that experiments be made on good and bad camp.

The/

The benefits that may be derived from our taking advantage of the experience obtained elsewhere justify the belief that it may be possible to increase the carrying capacity of the land by no less than one third in some farms. His Excellency earnestly seeks your co-operation in giving the project a full trial. It was brought to the Governor's notice while in England in 1934, by the Agricultural Adviser to the Secretary of State and there is reason to confide that the Imperial Government will give financial and other assistance in the matter if the farmers of the Colony will co-operate.

I am,

Sir,

Your obedient servant,

(Sgd.) M. C. Craigie-Halkett.

Colonial Secretary.

Charteris. - (87)

Royce - (88)

Forbes - (86)

Bonyon - (91)

of the 1st of APRIL, 1936.

IMPROVEMENT OF PASTURES.

It will be recollected that at the Farmers' Conference held in May of last year it was decided to seek the best advice obtainable in connection with the improvement of grass lands and that a grant should be sought from the Colonial Development Fund to meet the expenditure.

The Secretary of State was good enough to approach the Welsh Plant Breeding Station which has shewn such marked success under Professor Stapledon. It was decided to seek the advice of Mr. William Davies of that Station who has carried out similar missions to Australia and New Zealand at the request of the Governments of those Dominions.

The services of Mr. Davies could not be obtained until the spring of 1937. He is at present in charge of all the grass-land investigations at the Welsh Station. Professor Stapledon in writing about the problems in the Falklands said that the value of Mr. Davies' visit "would be of enormously increased value if certain quite small and primitive experimental plots could be laid down immediately on the basis of which" he thought "it would be possible to draw up an extraordinarily important and valuable report which could be put forward with almost complete confidence" and that experiment was essential.

The Government accordingly obtained sufficient seed and manure for twelve plots to be prepared on eleven farms and in the neighbourhood of Stanley. Time between the arrival of the consignment from the United Kingdom and opportunity for despatch to the farms was exceedingly brief and the invoices had not been received with the regrettable result that some of the farms received incorrect assortments and the farmers did not take delivery; in other cases they did their best with what had been received and successful planting has resulted.

A report from one farm manager as an example, states that he planted one plot after fertilizing on the 26th of January on fully tilled plough land and that this is showing up very well. For a second plot for which he had seed only, without the manures, he prepared half an acre of rough diddle-dee camp by burning, then simply rough scratching the surface twice with a 7 line cultivator, and then sowing after good rain. This was planted a month after the first lot and is coming up very successfully. The plot is unfenced in a settlement paddock under grazing by sheep and horses.

It is proposed to continue the experiments this year if more farm managers will undertake to plant plots as Professor Stapledon so strongly recommends.

.....0.....

150/352 8767

Port San Carlos,
Falkland Islands, S.A.

TELEGRAPHIC ADDRESS
"CARLOS, PORTSTANLEY"

February 15 1936

The Hon. The Colonial Secretary,
PORT STANLEY.

Sir,

With reference to the experimental grass plot. To complete the experiment as laid down in the memorandum of Professor Stapledon we still require 112 lbs. slag for sub-plot No.2 and 56 lbs. of C.C.F.No.2 for the C.C.F. strip. Provided you have them in Stanley they could perhaps be sent out at the first opportunity. The grass seed and the remainder of the manures have already been put down.

I am,

Sir,

Your Obedient Servant,

A. Kirkland 10.

In planting of
grass paper.
MCH

86

150/35.

S.S. 1/2/36.

Fort Bay.

April: 10/36.

Dear Mr. Halkett,

So sorry to hear you have been so ill, I do hope that you are getting better and that you will be able to take your leave. I should think that you will be glad of a holiday.

Re the grass seed, the Stock Inspector told me that the Government would be glad to let me have it if I could find use for it, but that he would speak to you about it; so told him that I would wait until I heard from him - so hope it will be alright.

I want to experiment with it on unploughed ground, so when I hear from the S. Inspector I will write officially -

Yours very sincerely

Wickham Clement

Roy Cove,
West Falklands.

150/25 (88)

The Hon, Colonial Secretary,
Stanley.

April 15th, 1936.

Sir,

Red 84

I have the honour to acknowledge receipt of your circular of 1st April, relating to sowing of experimental grass plots next summer.

2. I am in complete agreement with His Excellency's hopes that a full trial should be given by farmers to facilitate the task of the grassland expert when he arrives in the Colony, and am willing to undertake the sowing of two plots as follows:-

1, half acre of virgin ground, cleaned and disced but not cultivated by ploughing.

2, quarter acre of fully tilled land prepared for grass seed.

3. I regret I have no more cultivated ground to spare than the quarter acre referred to above, but consider this sufficient as in my opinion the practical improvement of pastures in this country on a large scale will only be economical by rough clearing before sowing and not by both costly and lengthy cultivation with the plough.

4. I shall be very keen to receive a visit when the expert arrives in the Colony to get an opinion on some work I am doing here in reclaiming about 1000 acres of sand and clay at present barren of any herbage whatsoever, where all available labour is at the moment out in a tent planting out imported sand grass and native blue grasses.

5. The type of experiment as you describe it from the account in the "Penguin", seems to me to be the one economical way of

Increasing the carrying capacity of Falkland Island farms as full intensive cultivation of large tracts of camp is quite out of the question.

6. I shall be glad to receive the amount of seed and manures necessary for the plots referred to in paragraph 2 at any time.

I am, Sir,

your obedient servant,

Sydney Miller

DECODE.

89

TELEGRAM.

From Mr. Luxton, Fox Bay.

To Colonial Secretary.

Despatched : 28th April, 19 36. *Time* : 830.

Received : " " 19 " *Time* : 1130.

Red 84

Referring to your letter of April first quite willing to
sow one plot will require full instructions.

Luxton.

From His Excellency the Governor

to The Honourable the Colonial Secretary.

Mr. R Greenhills is quite prepared
 to try ^{the} present experiments at Duffer
 and I wish him to know what is
 required before he leaves next month.
 Will you please have the following letter
 sent to him:

I am directed to inform you that the
 Governor learned with pleasure while at
 Duffer recently that you were prepared
 to give a thorough trial to the present
 improvement experiment at plots.

I enclose full directions for the
 preparation of the necessary plots. Seed,
 and manure will be sent to Duffer in
 due course.

I am to draw attention to the
 desirability of preparing the plots on
 good and "bad" ~~soils~~ ^{soils} ~~camp~~ ^{camp} alike and
 sufficient material will be sent to you

for two experimental plots if possible.

If this letter with enclosure can be signed this evening it can be sent to Malvern when a messenger leaves there early for tomorrow morning to
Teal Inlet

~~W.H.H.~~ 20/4/36

150/35.

28th April,

36.

Sir,

I am directed to inform you that the Governor learned with pleasure while at Douglas recently that you were prepared to give a thorough trial to the grass land improvement experimental plots.

2. I enclose full directions for the preparation of the necessary plots. Seeds and manure will be sent to Douglas in due course.

3. I am to draw attention to the desirability of preparing the plots on good and "bad" camp alike and sufficient material will be sent to you for two experimental plots if possible.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary,

R. Greenshields, Esq.,
Douglas Station,
EAST FAIRLAND.

The Falkland Islands Company, Limited.

(INCORPORATED BY ROYAL CHARTER 1851).

REGISTERED 1902.

TELEGRAMS "FLEETWING PORTSTANLEY" VIA RADIO.

Darwin Harbour.

24th April 1936

Dear Sir,

I have to acknowledge receipt of your letter of April 1st.

(1) I shall be pleased to take seeds and manure for two experimental plots which will be sown at North Arm, so please forward the packages to that section. ✓

(11) For your information I would add that the two plots sown at Darwin Harbour last spring are not giving any very decisive results so far,

I am, Sir,

Your obedient servant,

George W. Goddard.
Chief Manager.

The Colonial Secretary,
Stanley, F.I.

DECODE.

150/25 → 94

TELEGRAM.

From Mr. Shannon, Spring Point,

To Colonial Secretary.

Despatched : 4th May, 1936. *Time* : 1430.

Received : 5th " 19 " *Time* : 1130.

Will take grass seed and fertilizer for a few experimental plots.

Shannon.

160/35.

13th May,

36.

Sir,

Red 58

I am directed by the Governor to acknowledge the receipt of your letter of the 15th of April, 1936, and to thank you for the assistance which you have so kindly agreed to give in the matter of the experimental sowing of grass seed at Roy Cove.

2. I am to add that sufficient seed and manures for the two plots will be forwarded to you as soon as the further consignment which is being ordered from the United Kingdom is received in the Colony.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

S. Miller, Esq.,
Roy Cove,
WEST FALKLAND.

150/35.

12th May, 36.

Sir,

Recd 86

With reference to your letter of the 10th of April, 1936, addressed to Mr. Craigie-Halkett, I am directed by the Governor to inform you that His Excellency will be glad if you will be good enough to make the experiment with the grass seed to which you refer on unploughed land.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

W. Clement, Esq.,
Fox Bay East,
WEST FALKLAND.

DECODE.

(97)

TELEGRAM.

From H. E. The Governor,

To Secretary of State for the Colonies.

Despatched : 13th May, 1936. Time : 1540.

Received : 19... Time : ...

Red 54

No. 22. Your despatch No. 118 of 27th September, 1935, grateful if arrangements could be made to supply further quantities seed and manures sufficient for 20 half-acre plots. Seed mixtures should be prepared and manures weighed and made up separately for each centre before despatch as arranged in the previous consignment.

Governor.

West Point Island
22nd Apr 1936.

98

H. M. Colonial Secretary
Port Stanley



Sir,

Improvement of Grass Lands

Red 84

Reference your 1st Inst. I welcome the opportunity of laying down a few experimental grass plots on the lines suggested.

Anything I do must of necessity be on a very small scale, & the methods at my command quite primitive, but I shall do my best to get results, and beg you to accept my thanks for the opportunity offered.

I am Sir,

Your faithfully,

H. M. Harper
Manager

Hill Cove.

99

Falkland Islands.

April 25th. 1936.



Sir,

Prod 84 With reference to your circular of April 1st. I shall be glad to receive seeds and manures for two plots, one to be made on ploughed ground, and one on rough camp.

2. I am unable to send a representative to Stanley for a course of lectures on first aid as there is nobody here suitable whom we can spare.

I am,

Sir,

Your obedient servant.

H. C. Harding

The Honourable,
The Colonial Secretary.
Stanley.



PORT HOWARD.
WEST FALKLAND ISLANDS.
APRIL 27th. 1936

Red 54.

Sir,

I have the honour to acknowledge receipt of your Circular No.M.P.150/35 of the 1st. instant.

I regret to state we will be too busy this coming winter and spring to deal with the seeds and fertilizers mentioned; most of these experiments we have tried and trust Mr. Davies will obtain a lot of information from the work done on this farm in the past. I hope the work we have in hand this winter and spring will also be of great value to Mr. Davies.

I have come to the conclusion unless we can obtain cheap manures, and Geese are practically exterminated this farm cannot possible proceed with its improvement schemes.

I am, Sir,

Your obedient servant.

A. B. P. G. G. G. G.
General Manager

The Honourable Colonial Secretary,
Stanley.

Salvador.

9th May 1936.

The Colonial Secretary,
Stanley.



Red 84.
Dear Sir,

In reply to your letter of the 1st ult. re the improvement of grass lands, I beg to say that, though quite in accordance with the idea, owing to lack of agricultural implements I shall be unable to sow any experimental plots this year; therefore will not require any seeds or fertilizer.

I am,

Sir,

Your obedient servant,

Alexander Petabey

New Island May 11th 1936

To
The Honourable
The Colonial Secretary
Stanley



Dear Sir

Red 24

I received your Circular regarding
Grass seeds and manure
and would like to have some sent
out.

I have no Plough or Harrows but
I could plant it by hand. a little
in several places and try to get it to grow
I am willing to do anything to get more
grass to grow as we have several bare
places on this Island

Your Obedient Servant
George Scott
Manager

DECODE.

102

TELEGRAM.

From Secretary of State for the Colonies,

To H. E. The Governor.

Despatched : 20th May, 1936. Time : 2134.

Received : 21st " 19 " Time : 1130.

No.33. Your telegram No. 22 further supply of pedigree seed will not be available until end of August. It is therefore proposed to ship seed and manure by the earliest possible opportunity in September please telegraph if that arrangement would be suitable.

Secretary of State.

Req 97

TELEGRAPHIC ADDRESS
"CARLOS, PORTSTANLEY"

10
*Port San Carlos,
Falkland Islands, S.A.*

April 20 th. 1936

The Hon. The Colonial Secretary,
PORT STANLEY.

Sir,

With reference to your letter No. 150/35 of April 1st. I will be very pleased to take seeds and fertilisers with which to experiment along the lines suggested.

As it is almost certain that most interest will attach to the results of those experiments carried out on ground which has had the minimum of preparation, it might be as well to ensure that all co-operating farms establish at least one such plot.

I am,

Sir,

Your obedient servant,

N. Heitz *Com. Sec.*

For PORT SAN CARLOS LTD.

Johnson Harbour

May 6th 1936

The Colonial Secretary
Stanley

Dear Sir

Red 24

in reply to your letter of 7 April.
referring to the improvement of grass
lands. We will be very pleased to accept
from the government, the grass seeds
and manure and will give it a trial
on the waste land.

I am

Sir

Yours Faithfully

JR Smith

message
from Robert Burns
Oct 1936 to
see nothing
down

Done
24/10/36

DECODE.

TELEGRAM.

From H. E. The Governor,

To Secretary of State for the Colonies.

Despatched : 1st June, 19 36. Time ...

Received : 19 ... Time ...

Red 102

No. 31. Your telegram No. 33 arrangement referred to regarding shipment of seed and manure will be suitable.

Governor.

150/35.

1st June,

36.

Sir,

Red 86

With reference to your letter of the 10th of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Fox Bay,
WEST FAULKLAND.

150/35.

1st June,

36.

Sir,

Red 88

With reference to your letter of the 15th of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,



Acting Colonial Secretary.

The Manager,
Roy Cove,
WEST FALKLAND.

150/35.

1st June,

36.

Sir,

Red 89

With reference to your telegram of the 28th of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,



Acting Colonial Secretary.

The Manager,
The Chartres,
WEST FALKLAND.

150/35.

1st June,

56.

Sir,

Red 93

With reference to your letter of the 24th of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Darwin Harbour,
EAST FALKLAND.

150/35.

1st June,

36.

Sir,

With reference to your telegram of the 4th of May, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

Red 94.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Spring Point,
WEST FALKLAND.

(11)

150/36.

1st June,

36.

Sir,

Red 95

With reference to your letter of the 22nd of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,



Acting Colonial Secretary.

The Manager,
West Point Island,
WEST FALKLAND.

150/35.

1st June, 36.

Sir,

Red 99

With reference to your letter of the 25th of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been orderad but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Hill Cove,
WEST FAULKLAND.

150/35.

1st June,

36.

Sir,

Red 101

With reference to your letter of the 11th of May, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
New Island,
WEST FALKLAND.

150/35.

1st June, 36.

Sir,

Red 103 →

With reference to your letter of the 20th of April, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,



Acting Colonial Secretary.

The Manager,
Port San Carlos,
EAST FALKLAND.

150/35.

1st June,

36.

Sir,

Red 104

With reference to your letter of the 6th of May, 1936, I am directed by the Governor to inform you that further consignments of seed have been ordered but cannot arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Johnson Harbour,
EAST FALKLAND.

150/35.

1st June,

36.

Sir,

With reference to previous correspondence on the subject of improvement of grassland, I am directed by the Governor to inform you that further consignments of seed have been ordered but will not arrive until the 5th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Douglas Station,
EAST FALKLAND.

150/35.

10th June,

36.

Sir,

With reference to previous correspondence on the subject of improvement of grassland, I am directed by the Governor to inform you that further consignments of seed have been ordered but will not arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

The Manager,
Pebble Island,
WEST FAULKLAND.

118

150/35.

10th June,

36.

Sir,

With reference to previous correspondence on the subject of improvement of grassland, I am directed by the Governor to inform you that further consignments of seed have been ordered but will not arrive until the 8th of October. I trust that you will undertake to plant seed on delivery by the first opportunity after that date.

I am,

Sir,

Your obedient servant,

J

Acting Colonial Secretary.

The Manager,
Fox Bay East,
WEST FALKLAND.

Fox Bay,
West Falklands.

30th. July, 1936.

The Hon.
The Colonial Secretary,
Colonial Secretary's Office,
Stanley.

Sir,

I have to acknowledge your No. 150/35. of 10th. June, 1936.

2. I shall be unable to deal with any further grass seed this coming season, but may be able to plant grass seed in the spring of 1937.

3. I would be glad if in future the Gazette could be forwarded me when the copies are circulated, it is becoming increasingly difficult to keep abreast of the Laws and Ordinances of the Colony when the last bound edition dates as far back as 1915.

4. I should be glad to receive any Ordinances regarding Stock or the Game Laws from 1920 onwards.

I have the honour to be,

Sir,

Your obedient servant,

W. H. Clement

MOS
469/29

121

Public Works Department,
Stanley, Falkland Islands.

5th September, 1936.

Hon. Colonial Secretary,

With reference to recent conversations on the subject of proposed experiments relative to an investigation of Falkland Islands pastures I beg to report that I have given some time to the study of the position as it stands at present, and submit the following report and recommendations for consideration.

1. All farmers proposing to lay down experimental plots should be provided with forms 1, 2 and 3, as attached. If possible these should be sent by the next sailing of the "Lafonia" thus enabling plots to be prepared ready for the arrival of the seed and manures on or about the 8th October 1936.
2. The farmers will retain forms 1 and 2. Form 3 should be returned to the Colonial Secretary as soon as completed.
Form 4 should be kept up to date by the Government Officer responsible.

NOTE. The forms are self-explanatory and cover what is required in Prof. Stapleton's Memorandum.

3. On the arrival of the next consignment of seeds and manures special care should be taken with the sorting, labelling, addressing and despatching; thus ensuring that the farms get the right amount of each material for the experiment.
4. Of the 12 lots of seeds and manures previously received, we have in stock sufficient manurial dressing for 2 plots, but no seeds. I suggest that a wire might be sent ordering 2 extra bags of seeds. This would enable two extra plots to be laid down, making,

with that now on order, sufficient material for 22 plots in all.

Sense of wire. - C/M for the Colonies.

* Offered to as
Mr. Greenhill requires
one lot of seed.

Please supply ³ No. 19 $\frac{1}{2}$ lb of grass seed as previously supplied by the Welsh Plant Breeding Station for half-acre experimental plots.

5. The grass seed at present in stock is as follows:-

10 cwts Yorkshire Fog in P.W.Store.

17 lots of various kinds of grasses in Stock Inspector's Office.

It is suggested that none of these seeds should be used in connection with the experimental plots advised by Professor Stapleton.

6. I suggest that the Government lay down three experimental plots, strictly adhering to directions as ~~set~~^{set} forth in the Memorandum. Two plots might be selected in the area of the Common which is to be spelled, and one plot that ~~would~~ would be open to grazing etc. might be put down in the paddock south of the Stock Adviser's house.

7. Tenders might be issued at once for the digging of one half-acre plot on the common, so that it can be ready for dressing and sowing on the arrival of the materials.

8. The work on the three plots might be carried out by unemployed men as a charge against the Land Sales Fund. An estimate of cost can be arrived at when tenders are opened.

9. Is it His Excellency's wish that the Common Committee should be informed of the proposals? If so, in the absence of the Stock Inspector, approval might be given for the Secretary to call a meeting. I will then lay the proposals before them - they may wish to advise as to the selection of plots on the common. Failing this the selection might be left to myself and the Common Ranger.

C. Roberts.

Whether fenced.	Whether visited by grazing animals.	Plots pointing north or east.	REMARKS.

DECODE.

TELEGRAM.

From Colonial Secretary,

To Crown Agents for the Colonies.

Despatched: 9th September, 19 36. Time: ...

Received: 19 ... Time: ...

Que 22

With reference to my telegram No. 22 to the Secretary of State please supply 3 additional lots of $19\frac{1}{2}$ lbs each of seed only.

COLONIAL SECRETARY.

CIRCULAR NO. 3/36

M.P. 150/35.

Colonial Secretary's Office,

Stanley, Falkland Islands.

9th September, 1936.

Sir,

With reference to the proposed experiments on the improvement of grassland prior to the investigation of the pastures of the Colony by an expert from the Welsh Plant Breeding Station, Aberystwyth, I am directed by the Governor to transmit the following forms:-

Form 1 - Instructions for the sowing of seed.

Form 2 - Sketch of an experimental half-acre plot.

Form 3 - Report form.

Each form describes in detail the purpose for which it is intended.

2. I am to state that the success of these experiments will greatly assist the application which is being made to the Colonial Development Fund for a grant of £20,000 for the development of the sheep industry in the Colony by improvement of pastures, and your most earnest co-operation is sought to ensure that the instructions which have been received are meticulously carried out and that full detailed reports are submitted on the experiments undertaken.

3. In conclusion I am to ask that you will be good enough to telegraph or telephone whether you will prepare plots under 3 (a), (b) or (c) of Form 1 or more than one of these and also the word "agreed" if you undertake to follow precisely the instructions laid down in the same form. This is essential as unless all plots are treated as required by Professor Stapledon, the experiment may be worthless.

The seed and manure will be despatched by the first opportunity in October. An endeavour was made to procure

The Manager, FOR ADDRESSEES P.T.O.

these/

these for distribution this month but this Government was informed that the pedigree seed would not be available in the United Kingdom until the end of August.

I am,

Sir,

Your obedient servant,

Acting Colonial Secretary.

- The Managers,
- Fox Bay East,
- Pebble Island,
- Douglas Station,
- Johnson Harbour,
- Port San Carlos,
- New Island,
- Hill Cove,
- West Point Island,
- Spring Point,
- Darwin Harbour,
- The Chartres,
- Foy Cove,
- Mr. J. McGill.

INSTRUCTIONS FOR SOWING SEEDS IN CONNECTION WITH EXPERIMENTS
RELATIVE TO AN INVESTIGATION OF THE PASTURES OF THE FALKLAND
ISLANDS AS ADVISED BY PROFESSOR R.G. STAPLEDON

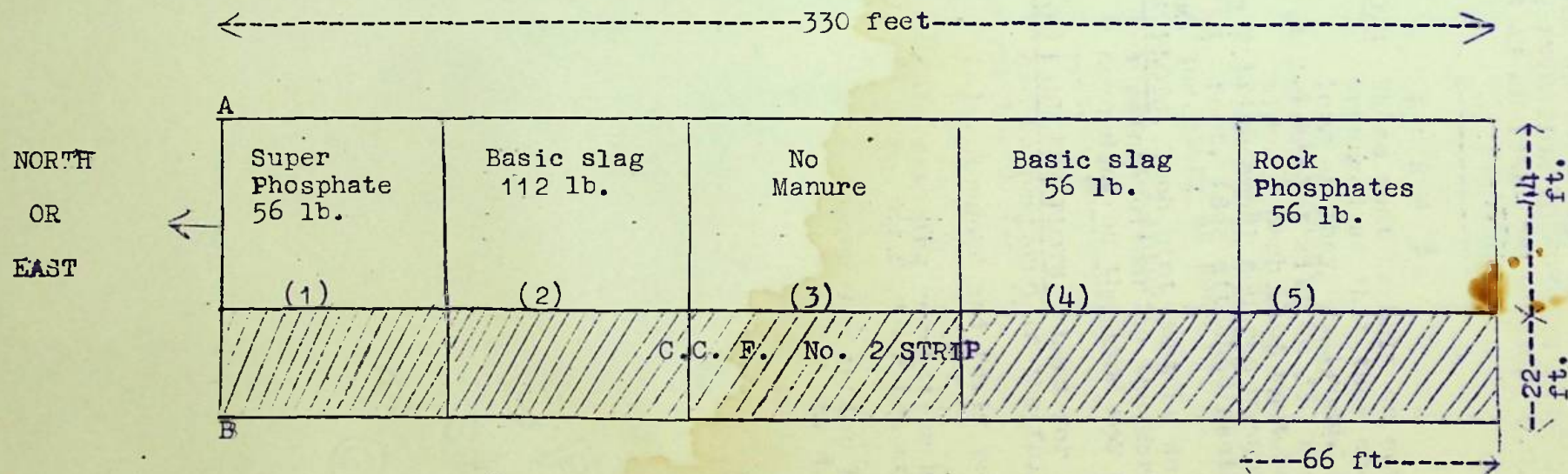
-
- (1) SIZE OF PLOTS These must be half an acre in area and arranged so that they are five times as long as they are broad. This means that each plot will be 330 feet long and 66 feet wide. Each plot must be sub-divided into five equal squares measuring 66 feet by 66 feet. (See attached sketch.)
- (2) POSITION OF PLOTS. Each plot must be so laid out that Section 1 points either to the North or to the East, according as the land may make desirable.
- (3) SELECTION OF LAND FOR PLOTS. Land for each half-acre plot can be prepared in the following ways:-
- (a) ploughed and fully prepared
 - (b) existing vegetation heavily scratched but no further preparation
 - (c) existing vegetation left and no cultivation of any description.
- (4) FENCING Fencing is not regarded as a necessity; it is hoped that some areas will be fenced and others left to fight their way against the grazing animals.
- (5) DRESSING PLOTS. Sub-plot 1 evenly dress with 56 lb. super phosphate.
Sub-plot 2 evenly dress with 112 lb. basic slag.
Sub-plot 3 no dressing or manure
Sub-plot 4 evenly dress with 56 lb. basic slag.
Sub-plot 5 evenly dress with 56 lb. rock phosphate.
- BOTTOM SHADED STRIP In addition to the above dressing this strip is to receive 56 lb. of C.C.F. No. 2 evenly distributed.
- (6) SOWING. 19½ lb. of the mixed seed as supplied must be evenly distributed over the whole of the half-acre plot.

SPECIAL NOTE. It will be of great assistance if from time to time notes could be made as to the behaviour of the several sub-plots; and as to the reaction of stock, vermin and pests to the new vegetation.

F O R M 2.

SKETCH OF EXPERIMENTAL HALF-ACRE PLOT.

For purposes of identification please drive in a stake at
A and B and peg divisions between sub-plots.



HALF-ACRE PLOT.

19½ lb. of mixed seed as supplied must be evenly
distributed over the whole of the half-acre plot.

F O R M 3.

It will greatly assist these experiments if you will kindly fill in this form and return it to the Colonial Secretary as soon as the plots have been laid down and completed.



- 1. APPROXIMATE SITUATION OF PLOT.....
- 2. NUMBER OF HALF-ACRE PLOTS PREPARED.....
 - (a).....
- 3. DATE OF PREPARATION OF LAND. (see instructions.)
 - (b).....
 - (c).....
- 4. DATE OF APPLYING DRESSING.....
- 5. DATE OF SOWING SEED.....
- 6. WEATHER CONDITIONS PREVAILING AT TIME OF SOWING.....
- 7. TYPE OF LAND TREATED.....
- 8. WHETHER FENCED.....
- 9. WHETHER VISITED BY GRAZING ANIMALS.....
- 10. DO PLOTS POINT NORTH OR EAST ?.....

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Roy Cove,
Falkland Islands.

Sept. 15th/36.

Ref. Circular 3/36
M.P. 150/35.

Sir,

I have to acknowledge receipt of your circular and enclosures of 9th September.

I am disappointed that the instructions contained therein are rather different to those of your letter of 1st April to which I replied with my letter of April 15th. In this letter I undertook to prepare two plots of a quarter and half acre respectively and have had ground prepared for these during this past winter.

My two plots are not of the shape required in your letter of 9th inst. and it is too late for me to prepare fresh ground this spring owing to pressure of other work. However rather than fail to give support to your efforts on behalf of this pastoral industry I imagine I can plant and treat my two patches, which though not measuring 330 ft by 66 ft can still be sub-divided into five plots for different applications of manures.

Unfortunately, owing to alteration in "Lafonia" itinerary there is no call here until December, but if that is not too late please send me sufficient seed and manures for my two plots that together total three quarters of an acre and I will do my utmost to plant and treat them according to instructions in your letter of September 9th.

10: -
Hon. Colonial Secretary,
Stanley.

I am, Sir,
Your obedient servant,

Sydney Miller

150/35.

(22)

DECODE.

TELEGRAM.

From Mr. Harding,.....

To Colonial Secretary.....

Despatched: 17th September, 19 36. *Time:* 1415.

Received: 18th September, 19 36. *Time:* 1045.

Agree two plots three A and B.

Harding.

(133)

DECODE.

TELEGRAM.

From Mr. Betts, Pebble Island.

To Colonial Secretary.

Despatched: 18th September, 19 36. Time: 8.30.

Received: 18th September, 19 36. Time: 1045.

Please consult Mr. Barton about grass plots on his return
from England in October Cargo boat.

BETTS.

DECODE.

TELEGRAM.

From The Hon. N. Keith Cameron.

To The Colonial Secretary.

Despatched: 21st September, 19 36 *Time:* 0830

Received: 21st September, 19 36 *Time:* 1100

Reference pasture experiment agreed prepare one
plot each A B C.

CAMERON.

GOVERNMENT NOTICE.

1. Tenders are invited for preparing two plots on the Common in connection with experiments relative to an investigation of Pastures.
2. In the following conditions the Plots will be termed Plot A and Plot B.
3. PLOT A, is 330 feet by 66 feet and is situated some six hundred yards South East of the back Leading-in-mark.
4. PLOT B, is 330 feet by 66 feet and is situated some two hundred yards North of Big Rookery Bay.
5. Plot A is to be dug to the full depth of a spade, the top grass sod being turned into the bottom, after which the top soil or peat, as the case may be, is to be broken up into small pieces, roughly raked over, and left in such a manner that it will be ready for sowing grass seed.
6. Plot B. The existing vegetation on this plot is to be chipped and the ground heavily scratched and roughened to a depth not exceeding one inch.
7. It is suggested that an old adze and strong rake would be suitable tools to be used on Plot B, but this will be left to the discretion of the Contractor.
8. The Contractor is to price for preparing the land only, He will not spread fertiliser or sow seed.
9. The sites to be prepared may be inspected at any time. They are marked by flags, with corner pegs indicating the boundaries.
10. The price for the work is to be given in the following manner :-

PLOT A.....	
PLOT B.....	
TOTAL	_____

135

11. The Contractor is to supply his own tools.
12. The Government does not bind itself to accept the lowest or any tender.
13. In making payment for this work the Government will not pay more than £3 per week for each man employed.
14. Should the work not proceed to the satisfaction of the Government Officer supervising, the Government reserves the right to cancel the contract at any time.
15. Tenders should be addressed to the "Chairman of the Tender Board", and marked "Plots" on the outside of the envelope, and should be deposited in the box marked "Government Tenders" at the Colonial Secretary's Office, not later than Noon on Saturday the 3rd October, 1936.
16. Only tenders received from unemployed men will be considered, and work is to be started not later than 7th October, 1936.
17. Any further particulars can be obtained on application, during office hours, to the Director of Public Works or the Common Ranger.

E. Roberts.
Director of Public Works.

150/35

DECODE.

TELEGRAM.

From Mr. Luxton, Chartres.

To Colonial Secretary.

Despatched: 22nd September, 1936. *Time*: 8.30.

Received: " " 19 " *Time*: 1100.

Will plant experimental plots under headings three A
and three C agree to follow instructions.

LUXTON.

150/35

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TELEPHONE MESSAGE RECEIVED FROM G. M. GODDARD, ESQ.,
J.P., IN CONNECTION WITH THE LAYING OF EXPERIMENTAL PLOTS
FOR THE IMPROVEMENT OF GRASSLAND.

Will lay 2 plots in North Arm as described in Section 3
of the letter under "A" and "C"; and 1 plot in Darwin
under "B".

NOTE. The 2 plots already laid out at North Arm are
looking fine.

150/35.

DECODE.

TELEGRAM.

From Manager, West Point.

To Colonial Secretary.

Despatched: 27th September, 19 36. *Time:* 1130.

Received: 28th September, 19 36. *Time:* 1100.

Two Plots agreed Westpoint.

MR. MCGILL AGREES TO PREPARE ONE PLOT.

DOUGLAS STATION - AGREES TO PREPARE ONE PLOT EACH

(a) (b) and (c).

*Sending 2
as one already
despatched end of May 1946
see correspondence.
This file
24/10/46*

No. 150/35.

MINUTE.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted.)

5th October, 19 36.

From

To The Honourable

The Stock Adviser,

The Colonial Secretary,

STANLEY.

STANLEY.

Experimental Plots -"The article improving Rough Grazings in Galloway" H. M. Young N.D.A. etc. The Scottish Journal of Agriculture April 1936 has been read with much interest. The almost immediate stimulation of clovers and grasses as a result of ground mineral phosphate dressing is apparently remarkable. I agree that the sowing of the seed while the ground is distinctly wet is of major importance in certain instances where surface sowing is practised and have seen excellent results from sowing grass and clover seeds on top of a few inches of snow just before it melted in early spring. The change in the fibrous peaty soil in a few years to black peaty soil full of life is interesting and probably points to consolidation as a result of grazing with heavy animals as well as to the improvement of the surface soil fertility as a result of clover establishment. Reduced death rate, increased carrying capacity and the numbers of cattle grazed in relation to the numbers of sheep, are of no mean importance. G. M. Goddard, Esq., telephoned me on the morning of 1st October to indicate that he had read in the 'Penguin' a copy of the article and was much impressed at the apparent similarity of the results being obtained from the use of mineral rock phosphate on one of the experimental plots at Darwin and he proposes importing one ton for further experiments. The result accruing from the use of mineral rock phosphate at Darwin is mentioned in the report of my September visit there, and, while it is encouraging it is rather early yet to say much about it, and, in any case the plot is on a hill where a few inches of soil occur on a clay and rock subsoil, not of peaty formation, peat beds however lie fairly adjacent.

Stanley

150/35

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No.

MINUTE.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted.)

7th October, 19³⁶.

From

To The Honourable

The Stock Adviser,

The Colonial Secretary,

STANLEY.

STANLEY.

It has come under my notice that the Tender Board has accepted a tender of £12. 12. 0 for the digging and raking of a plot of half an acre on the Common. This is equivalent to £25. 4. 0 per acre and appears excessive, the only justification might be that it is employing unemployed. In my opinion one reasonably good man should accomplish the digging of one acre of the Common, sufficiently well to sow grass seed in eighteen days, but, let us assume that he takes twenty four days, at £3. 0. 0 per week the maximum amount a contractor is allowed to earn, he will have earned £12 for one acre or £6 for one half acre, and even this figure appears to be on the high side. At 1/2 per hour the standard wage for Stanley labourers the cost would work out at £5. 12. 0 per half acre, based on a 48 hour week. Since contractors are allowed to make £3. 0. 0 per week only, there is little doubt in my mind that the rate of progress will be regulated accordingly by them and therefore it will be impossible to arrive from this source at anything like an accurate basis of the true cost of the work. This class of work under the circumstances might be more economically performed by day labour under proper supervision, which may mean of course at the outset as a disciplinary measure, the standing down for short periods of apparently unsatisfactory workers, or even one or two permanent dismissals if occasion warranted such stern action. The other alternative of course would be the making of contracts in the true sense of the word, that is without a limit, but against this it is understood that the work is not to be made too attractive.

Stanley
Stock Adviser.

TENDERS FOR EXPERIMENTAL PLOTS ON STANLEY COMMON.
Tenders due at 12.0 noon on Saturday, 3rd October.

Tenderer.	Plot A. Amount of Tender.			Plot B. Amount of Tender.			Remarks.
	£.	s.	d.	£.	s.	d.	
A. Clifton.	20.	0.	0	10.	0.	0	
W. G. Peck.	16.	0.	0	-	-	-	
G. Thompson.	30.	2.	6	19.	17.	6	
Phil Hardy.	20.	0.	0	8.	0.	0	
W. Binnie.	22.	0.	0	-	-	-	
E. D. Biggs.	24.	0.	0	20.	0.	0	
S. Barnes & J. Cletheroe.	12.	12.	0	3.	3.	0	
J. Browning, T. Paice & A. McLaren.	20.	0.	0	15.	0.	0	
J. Clifton.	32.	0.	0	16.	0.	0	
R. J. Hunter.	22.	0.	0	-	-	-	
J. T. Short.	15.	0.	0	10.	0.	0	
S. Bonner.	30.	0.	0	10.	0.	0	
S. Hansen.	15.	0.	0	10.	0.	0	

Approved to accept the tender of Messrs S. Barnes and
J. Cletheroe.
for the sum of £12. 12. 0 for Plot "A" and £3. 3. 0 for
Plot "B"

Tender

Board.

sgd. G. Roberts.
sgd. A. R. Hoare.
sgd. Malcolm J. Stewart.
Chairman.

From H. E.

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to as C.

It is necessary that
the experimental plots
be ready for sowing on
arrival of the seed on
24: October. I am not
sure whether a time limit
was in the contract but
please ask D.P.W. if he
is in charge of the preparation
of the ground to ensure
the above

12/x/36

150/35 *steak advance 14/10/36*

The Falkland Islands Company, Limited.

(INCORPORATED BY ROYAL CHARTER 1851.)

REGISTERED 1902.

TELEGRAMS "FLEETWING PORTSTANLEY" RADIO.

Darwin Harbour.

5th October 1936

Sir,

In confirmation of my conversation by telephone with your office on Sept. 22. re experimental grass plots, I agree to follow the instructions laid down and to sow two plots in North Arm as under Section (3) A & C, and one in Darwin according^{d.} to B.

I am,

Sir,

Your obedient servant,

James W. Golding
Camp Manager

The Colonial Secretary,
Stanley,

FIRST SHIPPING ADVICE.

The Crown Agents for the Colonies have to report the shipment of goods supplied by :— 145

Reference :
S/ 3/970

Messrs. H.G. Jepson & Co.,
5, Crown Point Road,
Leeds, 10.

17th August, 6

Indent No.
Special A/c.
Dept.
Consigned to C.A.G.

Marked {
REQN. 3/970
C ↑ A
Nos.
Gross Weight.

O. H. M. S.
C.A.G.
Stanley.

S.S. " Losada

" From Canada

Dock Liverpool
by 3rd September



The particulars given in the schedule below were those furnished by the above mentioned contractor, when forwarding instructions were issued, and are not necessarily accurate.

VALUE. £	Nos.	Description of Packages.	CONTENTS.	WEIGHT.				MEASUREMENTS.		
				Tons.	Cwt.	Qrs.	Lb.	Length.	Breadth.	Depth.
20 approx	1/up	40bags	Fertiliser	3	-	-	-			
						approx.				

ENCLOSURES:—

Bill of Lading

Suppliers' Invoice *under separate cover.*

Packing particulars

Office of the Crown Agents for the Colonies,
4, Millbank, London, S.W. 1.

FIRST SHIPPING ADVICE.

1146

The Crown Agents for the Colonies have to report the shipment of goods supplied by:—

Reference:

S/ 3/970.

Professor R.G. Stapledon, C.B.E., M.A.,
Welsh Plant Breeding Station,
Agricultural Buildings,
Alexandra Road,
Aberystwyth.

26th August, 6.

Indent No. -
Special A/c. -
Dept. --
Consigned to O.A.G.

Marked { REQN. O. H. M. S.
970
O.A.G.
C ↑ A Stanley.
Nos.
Gross Weight.

S.S. " LOSADA " From CANADA Dock LIVERPOOL
by 3rd September

The particulars given in the schedule below were those furnished by the above mentioned contractor, when forwarding instructions were issued, and are not necessarily accurate.

VALUE.	Nos.	Description of Packages.	CONTENTS.	WEIGHT.				MEASUREMENTS.			
				Tons.	Cwt.	Qrs.	Lb.	Length.	Breadth.	Depth.	
	9777/8	2 pckgs	Pasture seeds	-	2	-	-	each			

ENCLOSURES:—

Bill of Lading

Suppliers' Invoice *under separate cover*

Packing particulars

Office of the Crown Agents for the Colonies,
4, Millbank, London, S.W. 1.

INVOICE.

(Advice Copy)

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THE CROWN AGENTS FOR THE COLONIES.

Dr. to Messrs. **Welsh Plant Breeding Station**
of **University College of Wales Aberystwyth.**

Date

Reference **G/ 83/970.**

Indent No.

Special a/c (if any)

Department

Shipped by S.S. **"Losada"** on **5 September.**

or

Date of posting

Marks.	
: Regn.	O.H.M.S.
: 3/970	
: C.A.	O.A.G.
: Nos. 1/40	STANLEY
: Gross Wt.	172 lbs
:	:

To be filled in by Contractor.

Item Nos.	Quantity.	Description of Article in wording of Tender.	Weight.			Rate.	£ s. d.			£ s. d.		
			T.	c.	q. lb.		£	s.	d.	£	s.	d.
Manures ex E.G. Jepson & Co.												
40 bags FERTILISER. Details as under.												
	20	bags marked "SUB-PLOT No.1." (Inner) containing SUPERPHOSPHATE 35% each ½ cwt. =	10	@		per ton 73/6				1	16	9
	20	bags marked "SUB-PLOT No.2". (Inner) containing BASIC SLAG. each 1 cwt =	20	@		50/-				2	10	-
	20	bags marked "SUB-PLOT No.4" (Inner) containing BASIC SLAG. each ½ cwt =	10	@		50/-				1	5	-
	20	bags marked "SUB-PLOT No.5" (Inner) containing NORTH AFRICAN PHOSPHATE 65% each ½ cwt. =	10	@		66/-				1	13	-
	20	bags marked "FOR CROSS (Inner) DRESSING" containing C.C.F. No.2 each ½ cwt. =	10	@		per cwt. 12/6				6	5	-
		Cost of bags.....								1	13	3
		Charge for Labour.....								1	16	-
		Carriage to F.o.b.								3	-	-
		Of these 40 bags two are for each Centre from Centre 13 upwards and the odd bags each contain 1 cwt. Basic Slag and ½ cwt. C.C.F. No.2. while the even number bags contain ½ cwt. Super; ½ cwt. Basic Slag; ½ cwt. Rock phosphate.								19	19	-



150/85

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ALL COMMUNICATIONS
TO BE ADDRESSED TO THE
CROWN AGENTS FOR THE COLONIES,
THE FOLLOWING REFERENCE AND THE
DATE OF THIS LETTER BEING QUOTED.

S 3/970

TELEGRAMS: "CROWN, LONDON".
TELEPHONE: VICTORIA 7730.



4, MILLBANK,

LONDON, S.W.1.



4th September, 1936.

Sir,

I have the honour to inform you that, at the request of the Colonial Office, we have arranged for the shipment to the Falkland Islands of certain seeds and fertilizers which, we understand, are required for pasture grass experimental plots.

2. The consignment consists of two sacks of seeds and forty bags of fertilizer, and is being shipped by the s.s. "LOSADA" sailing to Stanley from Liverpool on the 5th September.

3 I enclose a copy of an invoice received from the suppliers, The Welsh Plant Breeding Station of the University College of Wales, covering the fertilizers which are being shipped. We understand that the fertilizers for the respective plots are packed separately, and that each of the bags referred to above contains separate packages.

4. The shipping numbers and marks are as follows:

Nos. 9777/8	2 sacks	Seeds
" 1/40	40 bags	Fertilizer

Reqn. 3/970 O.H.M.S. O.A.G. Stanley

We have not yet received an invoice for the two sacks of seeds but copies will be sent to you as soon as possible.

I have the honour to be, Sir,

Your obedient servant,

The Colonial Secretary,
FALKLAND ISLANDS.

Edingwood

For Crown Agents.

9 *PKW*

Copy.

UNIVERSITY COLLEGE OF WALES,
WELSH PLANT BREEDING STATION.

Agricultural Buildings,
Alexandra Road,
Aberystwyth.

August 26th 1936.

F.A. Stockdale Esq., C.M.G., C.B.E.,
Colonial Office,
2 Richmond Terrace,
Whitehall,
London, S.W.1.

Dear Mr. Stockdale,

Will you please note that we have today despatched the seed designed for the Falkland Islands experiment. There are two large sacks, each weighing about 2 cwt. gross. In each sack there are ten small bags of seed, each appropriately mixed and ready for sowing. The small bags are labelled centres 13-32 inclusive, thus distinguishing them from those (namely centres 1-12) sent last year.

The consignment has been sent forward by passenger train addressed :-

Greenshields Cowie,
42 Castle Street, Liverpool
(For S.S. "Losada" Canada Dock)

and the bags are stencilled as follows :-

O.H.M.S.
OAG
STANLEY.

I am by this mail informing the Crown Agents relative to despatch of the above-mentioned

consignment

consignment.

I am enclosing a copy of the memorandum relative to the whole scheme which we prepared in 1935. We should be grateful if you would kindly bring this to the notice of the Falklands Administrator, so that the 1936 trials will be brought into the scheme.

You will probably have seen Mr. Weir after he paid us a visit. We all liked him very much and I feel sure he will be the right man for the Islands.

I enclose herewith an account for the seed, which I trust you will find in order.

Hoping we shall see you down here at the end of September when the British-Scientific Conference is with us.

With kind regards,

Yours sincerely,

(Sgd.) William Davies

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Agricultural Buildings,
University College of Wales
Aberystwyth.

August 26th 1936.

F.A. Stockdale Esq., C.M.G., C.B.E.,
Colonial Office,
2 Richmond Terrace, Whitehall,
London, S.W.1.

Dr. to the
WELSH PLANT BREEDING STATION,
University College of Wales, Aberystwyth.

C.N. 4894/13/3/33.

	£	s.	d.
150 lb. pedigree perennial rye-grass S.23 at 2/6 per lb.	18	15	0
150 lb. pedigree cocksfoot S.142 at 2/6d.	18	15	0
30 lb. crested dogstail at 2/-	3	0	0
20 lb. rough-stalked meadow grass at 1/6	1	10	0
20 lb. Kentish wild white clover at 4/- lb	4	0	0
19 lots other seed, each 3 lb. weight = 57 lb. at 1/6 per lb.	4	5	6
20 bags at 8d each		13	4
2 sacks at 2/6d each		5	0
Carriage to Liverpool per passenger train	1	7	2
	£ 52	11	0

Please remit the above-mentioned amount to the Secretary,
Welsh Plant Breeding Station, University College of Wales,
Aberystwyth, at your early convenience.

COPY of Memorandum prepared in 1935.

MEMORANDUM RELATIVE TO SIMPLE EXPERIMENTS
IN CONNECTION WITH AN INVESTIGATIONAL SURVEY
OF THE PASTURES OF THE WALKLAND ISLANDS.

(1) The suggestion is to lay down at least ten, and up to fifty very simple experiments. The aim of the experiments is to ascertain whether the problem is largely one of fertility and the introduction of better species and strains of grassland plants. The evidence from such experiments would be invaluable to a competent grassland expert subsequently visiting the Islands.

(2) It is suggested that a basal plot of half an acre should be put down at each centre. The centres should be chosen with a view to covering as many of the conditions of climate and soil and of methods of management as possible. It is essential that the worst land as well as the most fertile on the Islands should be brought into the scheme.

(3) The basal plot will consist of a single seeds mixture made up as under (in lb. per acre, and in lb. per centre):-

	<u>lb. per acre.</u>	<u>lb. per centre.</u>
Leafy perennial rye-grass, i.e. Welsh) Plant Breeding Station S.23 and (or) Kentish Old Pasture	15	7½
Leafy cocksfoot, i.e. Welsh Plant) Breeding Station S.26 and (or) New Zealand	15	7½
Crested dogstail	3	1½
Rough-stalked meadow grass	2	1
Kentish wild white clover	2	1
Various indicator species and strains	2	1
	<u>39</u>	<u>19½</u>

Note. The extent to which the Welsh Plant Breeding Station strains of rye-grass and cocksfoot would have to be supplemented with "Kentish old pasture" and

"New Zealand"

"New Zealand" respectively would depend upon the number of centres decided upon.

(4) It would be open to the several occupiers and experimenters to sow the seed as each saw fit. It would be hoped that some would plough and sow on a fully prepared surface; that others would heavily scratch the existing vegetation and sow without further preparation; that yet others would sow on the existing vegetation without any cultivation of any sort or kind. Fencing would not be regarded as a necessity, indeed it is to be hoped that some areas would be fenced and others left to fight their way against the grazing animal. The wider the range of management and of soil and vegetational conditions which the experiments embrace, by that much the more informative.

(5) Each basal plot (the whole of which is to be sown out with the above seeds mixture) would be divided into five sub-plots for the purpose of manurial trial. The manures should be applied before sowing the seeds, and in the cases where cultivation of any sort is undertaken before the final act of cultivation. The manurial dressings for the five sub-plots are to be as follows (in cwt. per acre and lb. per plot):-

	<u>Cwt.</u> <u>per acre.</u>	<u>lb. per</u> <u>plot.</u>
{1} Superphosphate	5	56
{2} Basic slag (high grade)	10	112
{3} No Manures	-	-
{4} Basic slag (high grade)	5	56
{5} Rock phosphates	5	56

(6) In addition to the above manurial dressings, a strip of one-third of the width of the basal plot will be cross-dressed with C.C.F. No.2 (Imperial Chemical

Industries complete manure) at the rate of 3 cwt. per acre, right across all the sub-plots (including, of course, the "no manure" sub-plot- sub-plot (3)), this would mean 56 lb. of C.C.F. No.2 per centre.

(7) It is important that at each centre the same plan as to lay out is adopted. The basal plot (half an acre) should be five times as long as broad, and then divided into the five sub-plots. The sub-plots should bear the same relation to each other at all centres and should be arranged so that sub-plot (1) stands towards the north or towards the east, according as the nature of the land may make desirable.

The plan of the experiment would therefore be as under:

lb. per sub-plot.

N or E	Super-phosphate	Slag	No manure	Slag	Rock phosphates
	56 lb.	112 lb.		56 lb.	56 lb.
	(1)	(2)	(3)	(4)	(5)
C.C.F. STRIP					

Half Acre Basal Plot.

(8) The date of sowing seeds and of applying manures, and of all operations, must be carefully noted, and a copy of the plan with essential dates should be deposited for each centre at a Central Office as soon as the experiment has been laid down.

(9) It is very desirable that notes should be taken by each experimenter from time to time as to the behaviour of the several sub-plots, and as to the reaction of stock, vermin and pests to the new vegetation in

in the event of such new vegetation materializing. It is also important that records are kept as to the general management to which the several areas containing the several plots have been subjected.

(10) The cost of the seed mixture (in England, but not delivered to port of departure) per centre (half acre plot) would be about £2.2.0.

The cost of the manures (in England, but not necessarily delivered to port of departure) per centre would be about 12/-

(11) It would be desirable that both the seeds mixture and the manures should be weighed out ready for direct application per centre in England before shipment. The manures would, therefore, have to be weighed out separately in England for each sub-plot.

(12) The Welsh Plant Breeding Station would be willing to make itself responsible for the necessary seeds, to mix them, and to weigh and put up separately for each centre.

(13) Some firm accustomed to make up mixed manures and to send out manures in small quantities would no doubt do the necessary relative to the manures; such a firm would perhaps be Messrs. E.G.Jepson and Company, 5 Crown Point Road, Leeds, 10.

(14) The cost of seeds and manures would be somewhat increased and there would be a greater cost on bags by adopting this method, but the extra cost could not be more than about 10/- per centre, and would probably not exceed 6/- and would be more than justified.

(149)

(15) Not a moment is to be lost if it is hoped to despatch seeds and manures on September 28th 1935, and consequently a decision as to the number of centres for which it is intended to cater will have to be taken almost immediately.

Director,
Welsh Plant Breeding Station.

Agricultural Buildings,
Aberystwyth.
September 10th 1935.

157

S 20

COLONIAL SECRETARY'S OFFICE
21 OCT. 1936
FALKLAND ISLANDS

FALKLAND ISLANDS.

NO: 110

Downing Street,

4 September, 1936.

Sir,

With reference to your telegram No. 31 of the 1st June, relating to supplies of grass seeds and manures for experimental plots in the Falkland Islands, I have the honour to transmit to you a copy of a letter with its enclosures from the Welsh Plant Breeding Station, Aberystwyth.

2. The Crown Agents for the Colonies are being requested to pay the account for £52.11.0

I have the honour to be,

Sir,

Your most obedient,
humble servant,

(Signed) W. ORMSBY GORE.

Recd 105

26. 8. 36

GOVERNOR
H. HENNINGER-HEATON, ESQ., C.M.G.,
etc., etc., etc.

S 20

(15)

FIRST SHIPPING ADVICE.

The Crown Agents for the Colonies have to report the shipment of goods supplied by:—
Reference:

S/S3/970

150/35.

Professor R.G. Stapledon.
University College of Wales,
Welsh Plant Breeding Station,
Agricultural Buildings,
Alexandra Road,
ABERYSTWYTH.

23rd September 6

<u>Authy.</u>	C.S. Tel. of		REQN.	O. H. M. S.
	9th Sept. 1936.		S3/970	O.A.G. Stanley,
Special A/c.		Marked	G ↑ A	via Monte Video.
Dept.			*Nos.	
Consigned to	Messrs. Maclean & Stapledon		Gross Weight.	

S.S. " Highland Chieftain From Royal Albert Dock, London
despatched by passenger train on 22nd Sept.

The particulars given in the schedule below were those furnished by the above mentioned contractor, when forwarding instructions were issued, and are not necessarily accurate.

VALUE. £	*Nos.	Description of Packages.	CONTENTS.	WEIGHT.				MEASUREMENTS.		
				Tons.	Cwt.	Qrs.	Lb.	Length.	Breadth.	Depth
		1 Sack	Pasture seed.	-	2	12		2'0"	2'4"	1'1"

ENCLOSURES:—

Bill of Lading

Suppliers' Invoice

Packing particulars

Office of the Crown Agents for the Colonies,
4, Millbank, London, S.W. 1.



160

ALL COMMUNICATIONS
TO BE ADDRESSED TO THE
CROWN AGENTS FOR THE COLONIES,
THE FOLLOWING REFERENCE AND THE
DATE OF THIS LETTER BEING QUOTED.

S3/970

4, MILLBANK,

LONDON, S.W.1.

TELEGRAMS: "CROWN, LONDON".
TELEPHONE: VICTORIA 7730.



25th September, 1936

Sir,

Red 126.

With reference to your telegram of the 9th September requesting the supply of three additional lots of pasture seeds for pasture grass experimental plots, I have the honour to inform you that we are arranging shipment of this additional supply in the s.s. "Highland Chieftain" sailing to Montevideo from London on the 26th September.

The consignment consists of one sack containing three smaller bags each appropriately mixed and ready for sowing and these smaller bags are labelled "Centres 33-35 inclusive" to distinguish them from those previously despatched, namely "Centres 1-32".

Shipping documents are being sent to Messrs. Maclean & Stapledon at Montevideo, who will re-consign the package to Port Stanley in the usual way.

I have the honour to be,

Sir,

Your obedient servant.

J. S. Stanfield
for Crown Agents.

The Colonial Secretary,

Falkland Islands.

Wet b

WW

150/25.

DECODE.

TELEGRAM.

From Mr. Luxton, Chartres,

To Colonial Secretary.

Despatched: 25th October, 19 36. *Time*: 2130.

Received: 26th October, 19 36. *Time*: 1100.

Patagonia calling here would like if available grass seed and Manure for experimental plots by that opportunity.

LUXTON■.

(162)

COPY.

UNIVERSITY COLLEGE OF WALES.
WELSH PLANT BREEDING STATION.

AGRICULTURAL BUILDINGS,
ALEXANDRA ROAD,
ABERYSTWYTH.

8th September, 1936.

F.A. Stockdale Esq., C.M.G., C.B.E.,
Colonial Office,
2, Richmond Terrace,
Whitehall,
London, S.W.1.

Sir,

I have just returned to Aberystwyth from my holidays and note that an account for £52. 11. Od. has been sent to you and not to the Crown Agents in respect of seed supplied to the Falkland Islands. I also find that the account of Messrs. F.G. Jepson and Co. for the manures supplied was not embodied in our account but that they have sent it direct to the Crown Agents. I take it that this will not cause you any inconvenience and that you will be able to put matters right at your end and that in due course both accounts will be paid separately.

I may state that Messrs. Jepson and Co. sent us a copy of their account for our information.

I am, etc.,

(Sgd.) J.O. Parry Williams.

Secretary,

Welsh Plant Breeding Station.



A
1

Reference to previous correspondence:-
Secretary of State's Despatch No. 110 of the
Governors

4th September, 1936.
.....19.....

FALKLAND ISLANDS.
No. 124.
.....

DOWNING STREET,
24th September 1936.
.....19.....

Sir,

for your information, a copy of
I have the honour to transmit to you the papers
noted below on the subject of supplies of grass seeds and
manures for experimental plots in the Falkland Islands.

I have the honour to be,

Sir,

Your most obedient, humble servant,

THE OFFICER ADMINISTERING
THE GOVERNMENT OF THE FALKLAND ISLANDS.

W. CRMSBY-GORE.

Date.	Description.
8th September, 1936.	From the Welsh Plant Breeding Station.

GOVERNMENT TELEGRAPH SERVICE.

164

FALKLAND ISLANDS AND DEPENDENCIES.

SENT.

Number	Office of Origin	Words	Handed in at	Date
--------	------------------	-------	--------------	------

28. 10. 36.

To

LUXTON,

CHARTRES.

GRASS SEED AND MANURE DESPATCHED PATAGONIA AS DESIRED.

COLONIAL SECRETARY.

Time

GOVERNMENT HOUSE,

STANLEY.

9th November, 1936.

FALKLAND ISLANDS.

My dear Stockdale,

I have learned with great concern that Weir and one of our farmers have been informed at Aberystwyth that there is quite a possibility that after all Mr. Davies will not be spared from his other duties to visit the Falklands in October of next year.

I should say at once that no one appreciates more than I do the high value the services of Mr. Davies must have in more important places than this. I realized that fully when the generous offer was made of lending him to us and trust profoundly that nothing has occurred to warrant disappointing us since his visit was deferred from this year on account of the Fourth International Grassland Congress to be held in 1937.

F. A. STOCKDALE, ESQ., C.M.G., C.B.E.,
COLONIAL OFFICE.

If you will refer to Professor Stapledon's letter to you of the 4th of September, 1935, you will agree that I was justified in proclaiming locally our great good fortune in being able to look forward to an investigation by so high an authority as Mr. Davies into the all important question of the deterioration of our pastures - and in speaking of the debt we would owe to Professor Stapledon and the Welsh University. I have impressed this in and out of season on farmers many of whom are sceptical. To speak frankly I shall feel let down if the visit is now to fall through or some lesser light is to take Mr. Davies' place. What we want is to ~~hear~~^{hear} at first hand something of what Professor Stapledon calls "the complete philosophy" of grassland improvement and to be told what measures we can take in its application to the Falklands.

The Government has been doing all that lies

- 3 -

in its power by way of preparation for the visit of Mr. Davies. All the special seed and fertilizers have been laid down (though some of the first consignment a year late) in experimental plots and as I told you in my last letter some 300 acres of poor land is being turned over for experimental work at a cost of £5,000 - a large sum for this small Colony. Above all perhaps we have now secured the loan from the Government of New Zealand for the brief period of three years of a keen and able Agricultural Adviser in Weir. He is the very man to get going on a sound basis such works as Mr. Davies may advise.

I cannot of course dispute for a moment other claims there may be on Mr. Davies but do say that we were first in the field and that we received what I conceived to be a promise. I have in a previous letter expressed my great appreciation of the interest Professor Stapledon has evinced in our problems and can

165

- 4 -

say no more.

I shall be much obliged by any representations you may consider fitting in our cause.

Yours sincerely,

P.S. I might add that it is my policy to make the Agricultural Department the most important of the Government Departments here and by cutting down in other directions hope to be able to spend up to £10,000 a year on it — *as an investment.*

From H. E.

1149

Mr. G. S.

Will you please have
one copy put up in the
Grandstand Improvement
file and send to Frank
Adviser for his information
tltltlt 10/24/36

(11)

North Arm,
E. Falklands.

Nov 25/36.

The Colonial Secretary,
Col. Secretary's Office, Stanley.

Dear Sir,

I enclose form re the sowing of grass seed & applying of artificial manure filled in as requested.

I should be very much obliged if you would be so good as to let me know what is the mixture of grass seeds which you sent me, it was labelled "Centre (25) Seeds Mixture".

Yours faithfully
B. Lillwa

C.S.O. No.....

Inside Minute Paper.

Sheet No.....

Common Range.

Mr. Greenshields has telephoned to say that he has received the following manures:

2	lots	lots	No. 16
2		lots	No. 17
1		"	No. 2
1		"	No. 11

He wishes to know if the name of the type of manure is written on a slip inside each bag or if you can tell him of the kind in each bag.

Red
29/X/86

Mr. Greenshields informed as ab
(4) in red (129) JPK

Office Note.

Mr. Churnsheds called to see me on the 19th
and expressed a desire to plant three
plots of $\frac{1}{2}$ acre each.

One plot on ploughed land

One " " unf " " "

One plot over bog land.

He has already been supplied with one
complete lot of seed and manure as indicated
in red (91).

He now requires one lot of seed and manure
for a further plot and one lot of seed only
for the third plot.

Jan 18/26

2 manure

2 seed.

173

DECODE.

TELEGRAM.

From Secretary of State for the Colonies,

To His Excellency the Governor.

Despatched : 10th December, 19 36. *Time* : 1545.

Received : 11th December, 19 36. *Time* : 2330.

Red 61.

No. 125. Your despatch No. 154 November 5th, 1935, Improvement of Pastures. I should be glad if application referred to in paragraph 4 could be forwarded as soon as possible.

SECRETARY OF STATE.

DECODE.

TELEGRAM.

From His Excellency the Governor,

To Secretary of State for the Colonies.

Despatched: 12th December, 19 36. Time: ...

Received: 19 ... Time: ...

No. 87. Your telegram No. 125 Please see my despatch
No. 170 of November 19th, 1936.

GOVERNOR.

Red 173
Red 4 in M.P.
266/36

EXCERPT FROM A REPORT (ORIGINAL FILED IN IN E.P. 329/32)
MADE ON 22/12/36 BY MAJOR THE HON. M.J. STEWART.

.....

(d) Experiments for the improvement of grasses to be undertaken by the Government on West Falkland land.

Mr. M. Robson suggested that the Stock Dept should carry out experiments in the West Falklands. I stated that this suggestion should have been made to the Stock Adviser when he visited the West, nevertheless I promised to convey the suggestion on my return, so perhaps, the Stock Adviser could be informed.

.....

150/35.

4th January,

37.

Sir,

With reference to the suggestion made by you to Major the Honourable M. J. Stewart during his recent visit to the West Falklands to the effect that the Stock Department should carry out experiments for the improvement of grasses, I am directed to inform you that experimental plots (grass) have been laid down this year on no less than six farms in the West Falklands on the lines indicated by the Director of the Plant Breeding Station, Aberystwyth, Wales, and that a similar number were laid down in 1935.

2. I am to point out in this connection that you do not appear to have made application for seeds and fertiliser for the purpose of carrying out experiments, and to add that should you desire to carry out any specific experiment on the Station under your management the Agricultural Department will be glad to give you such advice and assistance in the matter as may be possible.

I am,

Sir,

Your obedient servant,

MCH

Colonial Secretary.

M. Robson, Esq., J.P.,
Fox Bay West,
WEST FALKLAND.

(177)



2, Richmond Terrace,
Whitehall, S.W.1.

29th December, 1936.

*Check?
H.H.H. 30/3*

Dear Henniker-Heaton,

Your letter of November 9th arrived just before Christmas and as I was leaving immediately after Christmas for East Africa I passed it on to Professor Stapledon in original.

He says that he will liberate Davies for the visit to the Falklands if arrangements can be made for his duties at Aberystwyth. Davies is most anxious that proper arrangements should be made to safeguard his research work in this country. Stapledon says that he told Weir that it was going to be very difficult.

He further says that Davies is not over strong and that arrangements must be made for him to do the trip in reasonable comfort. He is anxious that you should take care of him when he is in the Falklands and see that he does not overtax himself.

H. HENNIKER-HEATON, ESQ., C.M.G.,



himself. Davies apparently is one of those with energy
in excess of his physical strength.

Yours sincerely,

F. A. Stoddale

From H. E.

(178)

H. C. S.

I attach a note about Mr.

Davis' visit for the file

I shall probably not be back for leave when he arrives. I am sure that you will see that everything possible is done for his comfort and that you will give the most precise instructions that he must not be allowed to risk any strain when in the camp.

ttt

30/3/37