

C.S.

INDUSTRIES  
(Miscellaneous.)  
LIVE STOCK  
(Miscellaneous.)  
(Agriculture.)

Crops/Importation of  
 fodder.

19 40.

No. 103/40.

H. E. the Governor.

SUBJECT.

19 40.

4th June.

AGRICULTURAL DEPARTMENT

Vegetable and Milk Production

Previous Paper.

MINUTES.

1-4.

Minute from H.E. the Governor of 4. 6. 40.

D/A.

Referred to you accordingly

A. J. J.  
4/6/40

5-9.

Minute from Director of Agriculture of 8/6/40.

10-13.

17/6/40 (extracted 6/7/13/40)

A.C.S.

Please arrange interview with D. of A.

19/6/40

H.C.S.

10.30 tomorrow Thursday.

A. J. J.  
19/6/40

Subsequent Paper.

Y.E.

Submitted for your consideration prior to an interview I should like to have with you on this



and proposed dairy (file attached).<sup>11/2/40 et al.</sup>

AP 20/VI/40

There is another pit which might be attacked, on which Mr. Beatty expressed some views as to a programme of work. Perhaps he had better be present at the meeting - but as you and D/A think fit

The immediate problem is a briefing to be given to the people and the executive action necessary for the provision of land, e.g. Government might fence off allotments in the Common and offer them to applicants making the cost of fencing & wind breaks a charge on profits

Tuesday<sup>20th</sup> at 11.30 would suit for a first meeting

~~AP~~ 20/6/40

D. & A. Please note above

AP 21/VI/40

N.C.S.

Noted 11.30 Tuesday 21/VI/40

J.L.B.  
24/6/40

N.C.S.

At an interview with N.E. this morning the D/A was authorized to select land within the town of Stanley for vegetable production, to arrange for plough & to proceed with preliminary cultivation immediately with the object of replacing local production of all vegetable requirements normally provided by imports specializing in potatoes, carrots, parsnips, cabbage, cauliflower, swedes, lettuce & onions.



The scheme of raising potatoes <sup>in camp.</sup> was discussed & H.E. expressed himself in favour of guaranteeing a price of 1<sup>2</sup>/<sub>2</sub> to 1<sup>1</sup>/<sub>2</sub> per lb in Stanley. I understood that, should it not be found impracticable to raise the full requirement of potatoes in Stanley, that some arrangement might be made with owners of suitable land on the West Island, but that efforts should be made to produce all requirements in Stanley.

H.E. suggested consideration of land available about the local bungalows. ~~And~~ This project is not provided for in the current Estimates & may require the authority of a special warrant to Finance, a fact recognised by H.E.

J.H.G.  
25/6/40

D. G. A. Yes. That was the gist of the interview. But when approaching owners of plots in Stanley remember please to me feel lack & I think it is always advised to be most explicit & clear as to what is wanted & intended.

J.H.G.  
25/11/40

A.C.B.  
Such facts as I have will be pressed into service. I hope to place all arrangements on paper so that no doubts concerning promises or alleged promises can arise. We have been successful in securing the plot & have several acres to sight. Do you think you could persuade Mr Steel to offer us his 1/2 acre sections opposite the Town Hall? Please!!! And would you kindly address the citizens per broadcast concerning the state of emergency things & request offers of land which we



could use for the Duration, preferably areas which could be ploughed. We would not damage land as lime & manures would be added. If we had no offers then would be the time to commandeer. So far I have found everyone quite helpful.

J.H.L.  
28/6/40

D. of A.

Please see me sometime & we can draft the broadcast together.

A.B. 1/11/40

A.C.S. should head morning at 12.30 suit

D. of A. Don this suit?  
J.H.L. 8/11/40  
A.B. 8/11/40

A.C.S. v. J.H.L. many thanks - note? - margin p. 1.

Y.E.

Do you approve this broadcast?

A.B. 9/11/40

I would prefer a straight forward statement of the actual position e.g. after referring as in the draft to the exchange position say that we shall <sup>may</sup> no longer be able to import fruit & vegetables from foreign sources, that during last year apart from inputs for naval requirements 16 tons of potatoes, 12 of onions and 13½ of other vegetables were imported almost entirely of foreign origin and that apart from <sup>possible</sup> small supplies for the Dominion we <sup>we will produce the required amount</sup> must <sup>plant</sup> grow sufficient vegetables <sup>now</sup> to replace <sup>them in part</sup> plus a certain quantity in lieu of fruit which will be <sup>unobtainable</sup>. A few acres of land only are required and every person who can grow more vegetables is urged to do so. But will <sup>will</sup> <sup>where possible</sup> also take up available plots for cultivation. The public are requested to cooperate in every possible way.



Y.E.

Draft submitted for your approval, please

*[Signature]* 12/11/40

*[Red scribbles]* 147

(12.) Telegram to Hon. R.C. Pole-Evans & Westons of 13. 7. 40.

A.C.I. Telegram has been confirmed in writing to Westons, a.p.v.i.  
*[Signature]* 15/7/40

13. Extract from telegram from Hon. R.C. Pole-Evans, O.B.E.  
15/7/40.

D. & A.

*[Signature]* 18/11/40

H.C.S. Must we also feed P.E. & Westons? Perhaps we may  
a more helpful reply by letter *[Signature]* 18/7/40

*[Red mark]*

(14.) Letter from Mr. J.F. Bonner of 31. 8. 40

D. & A. To see (14) *[Signature]* 13/14/40

A.C.I. Please many thanks *[Signature]* 17/9/40

P.A.

(15.) Minute from Director of Agriculture of 16/11/40.

D. & A.

I like the idea - can you see me

Some time?

*[Signature]* 28/11/40

H.C.S.

At our meeting on Friday 29<sup>th</sup> Nov. I understand  
that you authorised me to distribute about June  
among those concerned with production  
1941, a sum of 10% of the takings of gross receipts  
for Vegetable Milk & other produce sales for the  
C.S.O. to the Labour...



for 1941 (XVI Ag. 6.) If necessary a special  
warrant would be provided against the charge  
drawn against revenue provided.

J.S. 2/12/40

D. & A.

That is the idea. (18)

Of course the men who know it is a 'bonus' & not a

'wage' earning. J.S. 2/21/40

J.S.

Print J.S. 3/11/40 (19)

Minute from Director of Agriculture of 16/7/43. (20)

20

0/2 Ag. Dept.

What has been paid in this 'bonus'  
since its inception: what has been the  
result?

J.S.  
23.9.46

(21)

Y.E.

£150 has been paid covering a 3yr period ending 1943. Bonus then ceased.  
This Bonus scheme did not work out at all well. There was constant  
friction between the men directly and indirectly connected with crop  
cultivation.

However, I am certain that such a bonus did not incite men  
to greater effort. If it had been paid on production over a  
given quantity, results may have been achieved.

H.P.G.

0/2. Agric Dept.

4-10-46.

Minute from H.P.G. the Ag. Governor of 23.9.46

PA  
A.B.  
7.11.46

22



103/42

22

on return from  
Out. Ag. Dept

ACS

If any doubt when  
to file this, pl. can  
send me. It sh. to  
link up with pp.  
above link, esp. cost  
of production, in the  
file about a new  
Car Stud.

ACS

23. 9. 46



# MESSAGE FORM

Serial No.

**CALL  
AND  
INSTRUC-  
TIONS**

IN

OUT

No. of Groups.

GR.

OFFICE DATE STAMP

(ABOVE THIS LINE IS FOR SIGNALS USE ONLY.)

TO

FROM

Originator's Number

Date

In Reply to Number

(G.V.124) Wt. 44629/151. QUUM Pads. 2/42. B. & S. Ltd. 51-4554.

THIS MESSAGE MAY BE SENT **AS WRITTEN** BY ANY MEANS { EXCEPT } WIRELESS.  
 • { ..... }

THIS MESSAGE MUST BE SENT **IN CIPHER** IF LIABLE TO INTERCEPTION OR TO FALL INTO ENEMY HANDS.

ORIGINATOR'S INSTRUCTIONS  
DEGREE OF PRIORITY

TIME OF ORIGIN

SIGNED

(BELOW THIS LINE IS FOR SIGNALS USE ONLY.)

T.H.I.

SIGNED											
SYSTEM IN	TIME IN	READER	SENDER	SYSTEM OUT	TIME OUT	READER	SENDER	SYSTEM OUT	TIME OUT	READER	SENDER

T.O.R.

\* Originator may delete "except" and insert "including."



A.C.S.

(22)

O'c Ag. Dept. may be interested to see  
 ① - ③ of the attached comments by his  
 Holts in the Census Report. I should be  
 glad to hear his remarks on

① how is the loss to be made into a  
 profit (gross) if the value of the milk was  
 taken as 2/8 a quart? If so, approximately  
 how much sh. to allow for the overheads etc  
 x: How does this compare with the Govt.  
 loss of 25 (?) cows?

2. ② I am now getting 8 eggs a day from  
 12 hens, sh. cost 2/6 each. I have no  
 lengthy experience: but I shd. have said that  
 if I can buy eggs @ 2/6 a doz. in winter the  
 summer price shd. be less.

3. ③ What are sales of vegetables by Ag.  
 Dept. for local consumption (More than G.H.  
 Hospital etc.)?

CBSL  
 17.9.46

(23)

O'c Ag. Dept.

For your remarks on points raised  
 by His Excellency in above minute, pl.

W. Jones  
 17/9/46

(24)

A.C.S.

Yes, the loss would be turned into gross profit if  
 instead of butter, the milk was sold at 2/8 per gallon. The  
 profit on first cost would then be £1-4-4 per week.

Butter production would only be considered in  
 the event of real surplus, <sup>material</sup> waste would be converted into  
 profit in the form of butter.

over



3. Overhead at X would be  $9\frac{1}{2}$ d per week on £70 Capital outlay at 3%. Labour 7 hrs per week at  $1\frac{1}{5} = 9\frac{1}{11}$ . Thus on milk, the cost would total £2-1-0 $\frac{1}{2}$ . Returns on 173 hints of milk @  $2\frac{1}{8}$  per gallon would give £2-17-8 presenting a gross profit of  $16\frac{1}{2}$ d per week.

4. When compared with the Low Dairy, the first costs are comparable and since Mr Roberts recently purchased his cow from the Gov. (one of our best) I shall use his production figures.

<u>First costs.</u>		<u>Overhead charges.</u>	
15 lbs Hay.	1-3	Labour per week	16-0 $\frac{1}{2}$
6 " Maize @ 2 $\frac{1}{2}$ d	1-3	less Bonus Products.	
3 " Perished Cake.	3 $\frac{3}{4}$	3% Interest on Capital	9 $\frac{1}{2}$
@ 1 $\frac{1}{2}$ d		£70	
12 " Pollard. @ 1 $\frac{1}{2}$ d.	1-6		
	<u>4-3<math>\frac{3}{4}</math></u>	Per week.	16-10
Costs per week.	1-10-2 $\frac{1}{4}$	First costs per week	1-10-2 $\frac{1}{4}$
		Total.	2-7-0 $\frac{1}{4}$

Returns.

173 hints of Milk @ $2\frac{1}{8}$ per gallon.	2-17-8
Total Weekly costs.	<u>2-7-0<math>\frac{1}{4}</math></u>
Gross Profit.	1-10-7 $\frac{3}{4}$

The profits look very sound but a cow will not maintain that production throughout the lactation period. The calf, for example, consumes 6 gallons per day during the first 3 months.

Eggs. On enquiry, I find that many people are fixing the price of eggs at  $2\frac{1}{6}$  per dozen throughout the year to meet increased food prices. I maintain, nevertheless, that if one can sell at  $2\frac{1}{6}$  during winter, the summer price should not exceed 2/-.

Vegetables 31,779 lbs have been sold to the public over a 6 year period ending June 30<sup>th</sup> 1946. We are still not producing sufficient potatoes to meet the demand. At the moment, orders for potatoes are being received from farms stations. Pre-war importation of potatoes was 18 tons annually. Other vegetable importations were negligible.

H. K. G.

O/C. Agric Rept.

23-9-46.

(25)

X This was denied in P.R.C. May I have details?

AGL  
9.5.46



O.ife Ag. Dept.  
Will you please furnish details of "X" in your minute at (24).

*[Signature]*  
10/10/46

(26)

H.C.S.

Potatoes were recently ordered both from Ronglen Station and Johnson's Harbour. Agent purchasing for D. Station received 3 cut from Dept of Agric to make up consignment after having received the bulk from private sources in town. Johnson's Harbour ordered 2 cut but cancelled order because size of tubers unsatisfactory. In both cases potatoes were for eating purposes.

H.R.G.  
O/c. Agric Dept.  
11-10-46.

B. for P.C.  
27/11  
A.B.L.  
11.7

*[Signature]*  
11/10/46

27

A.C.S.

This file has undergone its title: & shd. be <sup>linked</sup> ~~linked~~ to the ones dealing with  
(a) new Cow Shed  
(b) Lush Production

Title amended  
*[Signature]*  
16/10

2. (21) Pl. ask O/c. Ag. Dept. to prepare a scheme which will be less costly & more production than the present system of casual alluvial areas, for both vegetables and milk. This can be shown in the 1947 Est. The Gov. can then consider them when the *[Signature]* comes.  
14. 8. 46



O. J. Dept.

As in para: 2 of (27) pl.

H. Jones  
16/10

(29)

H. B. S.

The only possible way in which to reduce cost incurred by casual allowances is to withdraw Dairyman's Peaty allowance + Bonus on production. As there is too much work for one man to handle, I would suggest that provision be made for an additional Dairyman. Such provision would dispense with additional casual labour and would be shown in the estimates as follows.

Two Dairymen	£400.
Peat allowances.	30.
Cost of living Bonus.	48.
Total P.Es.	£ 478

1 do not consider that any man should be expected to undertake dairymen's duties for less than £200 a year. The work entails unusual hours and is a seven day a week job. Peat allowance is essential in some form or another, one can't have a man cutting peat during the day and milking cows afterwards with heat-primed hands. By confining labour to two men only, a saving of about 35% would be secured over existing costs.

2. It is possible that production may be increased by selling all our milk supplies, wholesale, to local dairies. At present, though No. 1 Dairy buys milk wholesale, we may sell, retail, to anyone wishing to purchase direct. Consequently, it is possible that such purchaser's receive a good milk extra. No losses in this way could be anything from 100 - 200 gals a year. Moreover, should fodder prices continue to increase production costs will continue to rise.

3. Whatever happens, I feel that in the interest of the private producers, the Gov should either dispose of the cows entirely to local dairymen or gradually reduce the number to correspond with the expansion of local dairies. Alternatively, provide the capital whereby some other enterprising person may take over Gov herd.

4. Veg Production The only allowance to be dispensed with in this Division is that paid to Gardener, Gov House. If his services are retained, then he should <sup>continue</sup> receive the allowance of £25.

I cannot see any immediate way in which Veg production costs can be reduced. At the moment, plots are too widely separated for economic working. Were the whole cultivated area in block, costs would be reduced considerably. Vegetables at present are harvested in very small quantities and frequently, the cost of harvesting and

over



- debatable to the office for rule is equal to the value of the veg.
5. 2. The veg. production scheme was designed as a war-time emergency measure to make the colony self-sufficient. Today, I feel that the scheme tends to discourage householders to produce vegetables. If people argue that they have insufficient ground for cultivation, then why not provide allotments?
  6. 3. Potatoes production should however be continued, this is an economic crop to work and should show a very good profit.
  7. 4. Unfortunately, since the outbreak of war, the Dept. has directed its effort towards Raising + Veg, two minor industries from which the town only has benefited. I consider that the time has arrived ~~when~~ for the Dept. to concentrate upon improving circumstances affecting our primary industry, sheep farming.

H.R.E.

O/c. Home Dept.

19-10-46.

30

I am much obliged for (29) Sh. is kept.

2. I agree with §1 - provision sh. to be made accordingly. The new Gov. can well probably prefer to see things for himself before altering the Dairy set-up. But economic working - ways are irrefutable anyhow.

3. §§ 2, 3 are a matter of policy, as to which the new D. of A. vice wish to advise H.E.

4. But (§2 of 29) I don't think as sh. can be seeing with privately.

5. §4 Can be not rational in



the plots - concentrate on one block (where?)  
to save dispersed work? I am inclined to  
combine with some vegetable for sale exp.  
to those without gardens - means of culti-  
vating them: - with potatoes (S6).

6. If outside plots are released for  
veg. growing, could they not be made into  
allotments?

7. S7. Quite. But this must  
await the new D. of A. What I want to  
Evans to keep with me (as indeed he is  
keeping) is getting some idea of economic  
looking into - on - baristly man - under-  
accurately costs Dept.

8. Let him see this - 'spend' a  
3 p.m. on 22. x. 46.

*W.H.*  
21. x. 46

(31)

Dep. Ag. Dept.  
as in (30) pt.

*W.H.*  
21/10/46

H.C.S.

(32)

with reference to 30. paras 5+6. Veg plots could be concentrated at  
the Agric Station. Its soil is virgin & heavy, at least three years would  
elapse before satisfactory ~~and~~ crops were secured. But on a reduced scale  
probably sufficient area now cultivated in this region.

2. If outside plots released, they could be used as allotments.

We have discussed policy &  
I approve the proposals and forward. MC 1/11

H.R.E.  
O/C. Agric Dept.  
22-10-46.

*PA*  
*OK*  
11/21/46  
*W.H.*  
22/10



- 34. Extract from H.E. Despatch<sup>No. 8.</sup> of 15. 5. 47. to S/s.  
(Original filed in 77/46. Annual Medical & Sanitary Report for the Year, 1945).
- 35. Extracts from H.E. the Governor's Minutes on 77/46/17 & 19.  
Annual Medical & Sanitary Report for the year 1947.

36

O's Ag. Dept.

for your advice re 35(c) and x  
of 35(b) p.c.

37

ABL  
29.5

Hon. Secy

We have 9 cows milking just now and supplying W. M'Carthy with 26 galls daily, (I do not think we will come below this) the hospital & school come first, even with a boarding school this should be sufficient milk for school & hospital, with a surplus. If there is more milk wanted in the town I should think it would be a good chance for the dairies to expand.

2. If we increase our dairy herd and supply the dairy-men with milk, it seems only natural that they will not be bothered to keep more cows.

3. Should it be decided to increase our herd something should be done as regards a new cow-shed, as both cow-shed & surroundings are in a bad state.

38

J.B.D. O's Ag. Dept  
30/5/47

NE

37 with 35

I think we may simply lease things as they are — at least until a new Ag. Office is erected. C. McCarthy manages on his own without milk for Ag. Dept. — gets about 26 gallons a day.



2. I saw W. L. McCarthy about (35(b)).  
he assured me that he knew nothing  
about this. I also asked C. L. McCarthy  
who said the same thing. I asked W.L.  
to let me know if they heard such a  
rumor in future. I conveyed to W.L.,  
separately, the gist of §§ 1 - 2 of (35(b)).

A. Be  
10/6

Thank you.

PA Mc. 10/6

Extract from Ex. Co. Minutes of 26. 5. 47.  
(Original filed in 0040 - Development Policy).

40

PA A. Be  
13.6



41.

CS.

To prevent any further allegations of Aunt Anne taking the milk out of the babies' bottles I have arranged with the Dept. of Agric. to procure a can for my own supplies. They will bill me for it's fodder and I am paying Bummie to milk it. Ice cream for the Hospital etc. will in future come from this source. MC. 3/vii

At convenience I should like to see Mr. W. Sedgwick.

42

Act.

Like Mr. [unclear] for [unclear] asking Mr. S. to go & see Mr. E. at 4 p.m. to day. Pl. confirm. Abel

Confirmed B. 4/7.

43

YE. is seeing Mr. W. Sedgwick at 4 p.m.

Abel  
4.7

PA Abel  
4.7



H.M.S. "Hawkins",  
10th March, 1940.

PRICES AT MONTEVIDEO.

Just a small fraction (4%) over the following prices:-

- Potatoes ..... 1 $\frac{1}{4}$ d. per lb.
- Onions ..... 1 $\frac{1}{2}$ d. per lb.
- Carrots ..... 1 $\frac{1}{4}$ d. per lb.
- Turnips ..... 1 $\frac{1}{4}$ d. per lb.
- Cabbage ..... 1 $\frac{1}{4}$ d. per lb.
- Beetroot ..... 1 $\frac{1}{4}$ d. per lb.
- Cucumber ..... 3d. per lb.
- Tomatoes ..... 3d. per lb.
- Eggs ..... about 1/0 $\frac{1}{2}$ d. per dozen.



(4)

From His Excellency the Governor

to the Honourable the Colonial Secretary.

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I am by no means satisfied that all that is possible is being done to make the Colony self supporting in the matter of food.

I wish the Director of Agriculture to give this subject precedence over the policy of the Department in respect of the sheep industry and to make such recommendations and take such steps as will go furthest to meet the object in view.

The time may well come when we can no longer be dependent upon tinned foods and particularly milk.

This is the season for procuring seeds and ~~hay~~ preparing for the extended cultivation of vegetables and there is also the question of getting a dairy herd from the coast to be considered.

It is obvious that we cannot



under present circumstances unless  
additional planting unless the Govern-  
ment is in a position to guarantee  
a price for vegetables etc.

I attach a list of the Munster  
prices of vegetable and potatoes <sup>in</sup> <sup>I think</sup>  
market. The prices generally are  
below those the produce - or rather  
the occasional small quantities  
for sale - fetch locally but  
the D/A could not have cost of  
planting and propiti worker at  
in his office

~~W.H.H.~~ 2/6/40



Estimated return 10,000 cabbages per acre @ 2d ea.

= £ 80. 0. 0.

Carrots and Parsnips

Preparation of Ground	£ 9. 0. 0.
Sowing planet Jr.	10. 0.
Seed ?	
Manures Superphosphate 2 cwt	1. 6. 0.
Guano 2 cwt	18. 0.
Thinning and Weeding ?	7. 0. 0.
Cultivation 4 times planet Junior	1. 5. 0.
Sown in 14" rows 2-3" apart = 147,000 carrots	
<u>Harverting</u>	8. 0. 0.
<u>Total cost per acre without seed</u>	<u>27. 19. 0.</u>

Estimated return 30% loss 102,900 carrots @ 1/2d each = £214. 0. 0.

Onions (do well on peat)

Preparation of Ground	£ 9. 0. 0.
Seed 6 lbs @ 15/- per lb.	4. 10. 0.
Hand Hoeing Planet Junior	1. 10. 0.
Hand weeding 6 times	40. 0. 0.
Manures 10 cwts Guano	4. 10. 0.
2 cwts Superphosphate	1. 6. 0.
Pulling Bagging etc. (1 man 1/3 acre per day)	3. 10. 0.
<u>Total costs per acre</u>	<u>64. 6. 0.</u>

Estimated yield per acre say 8 tons at 1 1/2d per lb. £111. 0. 0.

Small Fruits :-

I understand that raspberries, gooseberries, strawberries and black and red currants do well in sheltered positions. These would appear to offer the most promising sources of fruit. Local residents should be encouraged to cultivate them. It is probable that plants could be secured if necessary from the Research Station at East Maling, Surrey, England.

If small areas are to be sown fencing will be essential and provision for this must be made. The Agricultural Department has no wire at present on hand or on order and only a few posts.



ESTIMATES OF COSTS OF PRODUCTION OF  
VEGETABLES

1938.  
Cost of Preparation of Ground by Hand  
 $\frac{1}{3}$  acre of Cortaderia turf dug and prepared - £59. 5. 4d  
 Time occupied 1016 hours (including removal of rocks)  
Equivalent to £177. 16. 0d p. acre

1939.  
Second Digging of above Area  
 $\frac{1}{3}$  acre prepared for sowing 175 hours work - £10. 3. 4d  
Equivalent to 31. 10. 0. p. acre

These figures do not include costs of manures and seeds.

1939.  
 Cost of Digging 1 acre of Virgin Ground on Navy Point including  
 removal of stones - - - £220. 0. 0.

Estimated cost of Preparation of one acre of ground by implements (ploughing, clod crusher, harrows and cultivator).

Ploughing 1 acre at estimated rate  $\frac{3}{4}$  acre per day

Feed and wages (2 horses & 1 man) say $1\frac{1}{2}$ days	£1. 10. 0.
Cross Ploughing	1. 10. 0.
Cultivation with grubber and harrows $\frac{1}{2}$ day	1. 0. 0.
Deep ploughing	1. 10. 0.
Cultivation say 3 days	3. 0. 0.

Total cost per acre 8. 10. 0.

This estimate does not take into consideration interest or depreciation on the money invested in horses and equipment.

To the cost of the preparation of the ground must be added the cost of manures, seeds, and subsequent cultivation. These costs will vary with the crop and have been estimated at £12. 0. 0. per acre for swedes and turnips, £22. 6s. 0d per acre for potatoes and £64. 6s. 0d per acre for onions.

The following vegetable crops may be expected to give profitable returns (at 1d - 2d per lb.) in the average season

Beet-root	Broccoli	Brussels sprouts	Lettuce
Cauliflower	Carrots	Celery	Parsnips
Chinese Cabbage	Cress ?	Endive	Kohl rabi
Mustard ?	Onions	Peas	Potatoes
Radishes	Rhubarb	Silver Beet	Swedes
Turnips			



It is probable that Jerusalem artichokes, Beans (Broad & French) and Scarlet runner beans may be worth trying in small plots.

All of the above cannot be considered as essential. It would be best to concentrate on say potatoes, cabbage, swedes, turnips, carrots, parsnips, and rhubarb as being at the same time most useful and less liable to failure under the climate conditions of the Colony. If space and labour permitted these could be supplemented with small areas of onions, cauliflower and Broccoli, Lettuce and Silver beet.

An estimate of the detailed costs of production of some of these crops is as follows

<u>POTATOES</u>	Preparation of land for planting per acre	£8. 10. 0.
	Manures - Guano @ 10 cwt p. acre @ £9. per ton	4. 10. 0.
	2 cwt Superphosphate @ £13.0.0. per ton	1. 6. 0.
	Potato seed 1 ton @ £12. 0. 0. per ton	12. 0. 0.
	Sowing per acre. 3-4 men, 2 horses, ridging	
	plough	2. 10. 0.
	Subsequent cultivation twice, and ridging 2-3	
	times	3. 0. 0.
	Digging 2-3 tons per day per man Est. 8 tns.p.ac.	2. 0. 0.
	Sacks - 80 @ 6d.	2. 0. 0.

Total estimated cost per acre £35. 16. 0.

Estimated yield 8 tons per acre @ 1d per lb. £74. 13. 4.

Varieties to be considered      Early                      Late

Swedes and Turnips

Preparation of land for planting	£ 8. 10. 0.
Manures 4 cwt Super-Carb of Lime - (50-50)	2. 0. 0.
Borax 8 lbs. ?	3. 0. 0.
Seed 1 lb.	3. 0. 0.
Subsequent cultivation say 5 times	2. 10. 00.
Thinning	5. 0. 0.
Pulling - 4 men (2 tons p. hr.) 2 horses 20 tns.p.ac.	5. 0. 0.

Total cost per acre estimated - £23. 6. 0.

Estimated 49,002 roots per acre less 20% loss  
= 40,000 roots @ 1d each = £166. 0. 0.

Cabbages and Cauliflowers etc.

Preparation of land for planting per acre	£ 8. 10. 0.
Planting & attention of seed beds 150,000 seedlings	4. 0. 0.
Planting seedlings 18" apart in 2 ft rows 14,490 plants	2. 10. 0.
Manure 10 cwts Guano per acre	4. 10. 0.
3 cwts Superphosphate	2. 0. 0.
8 lbs Borax	3. 0. 0.
6 Intercultivators 1/2 acre p.dy Planet Jnr. @ 18/8d p.a.	5. 12. 0.
Seed 1 1/2 lbs @ 14/- per lb.	1. 1. 0.
Harvesting 30% loss = 10,000 cabbages (3 dys)	1. 10. 0.

Total estimated costs per acre £ 29. 16. 0.



Estimated return 10,000 cabbages per acre @ 2d ea.

= £ 80. 0. 0.

Carrots and Parsnips

Preparation of Ground	£ 9. 0. 0.
Sowing planet Jr.	10. 0.
Seed ?	
Manures Superphosphate 2 cwt	1. 6. 0.
Guano 2 cwt	18. 0.
Thinning and Weeding ?	7. 0. 0.
Cultivation 4 times planet Junior	1. 5. 0.
Sown in 14" rows 2-3" apart = 147,000 carrots	
Harverting	8. 0. 0.

Total cost per acre without seed 27. 19. 0.

Estimated return 30% loss 102,900 carrots @ 1/2d each = £214. 0. 0.

Onions (do well on peat)

Preparation of Ground	£ 9. 0. 0.
Seed 6 lbs @ 15/- per lb.	4. 10. 0.
Hand Hoeing Planet Junior	1. 10. 0.
Hand weeding 6 times	40. 0. 0.
Manures 10 cwts Guano	4. 10. 0.
2 cwts Superphosphate	1. 6. 0.
Pulling Bagging etc. (1 man 1/3 acre per day)	3. 10. 0.

Total costs per acre 64. 6. 0.

Estimated yield per acre say 8 tons at 1 1/2d per lb. £111. 0. 0.

Small Fruits :-

I understand that raspberries, gooseberries, strawberries and black and red currants do well in sheltered positions. These would appear to offer the most promising sources of fruit. Local residents should be encouraged to cultivate them. It is probable that plants could be secured if necessary from the Research Station at East Maling, Surrey, England.

If small areas are to be sown fencing will be essential and provision for this must be made. The Agricultural Department has no wire at present on hand or on order and only a few posts.



IMPORTS OF FOODSTUFFS THAT MAY BE  
REPLACED WITHIN THE COLONY.

The following figures of the tinned milk, butter, vegetables etc. imported annually have been kindly supplied by Mr. Carr.

Summary :-	Tinned milk usually imported 3,391 cases equivalent to 40,692 galls fresh milk.
	Butter 20 tons
	Potatoes 16 tons
	Onions 12 tons
	Other vegetables as under 13½ tons

Fresh vegetables :-	
	Unspecified vegetables 64 cases
	Tomatoes 26 cases
	<b>Total Fresh Vegetables 90 cases</b>

Tinned Vegetables :-	
	Unspecified vegetables 31 cases
	Tomatoes 168 "
	Peas 146 "
	Beans 22 "
	Beetroot 13 "
	<b>Total Tinned Vegetables 380 cases</b>

Dried Vegetables :-	
	Lentils 3 cases
	Peas 34 cases
	Beans 35 cases
	<b>Total Dried Vegetables 72 cases</b>

**Total Importations 542 cases.**

Estimated weight at say 56 lbs per case e 13 tons 11 cwts.

Fruit: Fresh, tinned and dried which cannot be produced in the Colony. 2882 cases



No. \_\_\_\_\_  
(It is requested that, in any reference to this minute, the above Number and the date may be quoted).



MINUTE.

8th June, 19 40.

From Director of Agriculture,

To The Honourable,

The Colonial Secretary,

Stanley, Falkland Islands.

STANLEY.

I am in receipt of the Minute from His Excellency concerning the matter of food production in the Colony, and have noted that this subject must be given precedence.

It would appear that we must consider growing sufficient produce locally to replace both the tinned and fresh vegetables that are imported. So far I have been unable to ascertain these quantities. It would appear that if the production of these vegetables were under the control of the Department of Agriculture, the results might be more certain than those secured by voluntary effort.

*quantities now ascertained - fabricated hereunder 11/6/40*

Shelter is a valuable asset in growing these crops. Would it be possible to secure, on lease, vacant Town sections for the duration of the war and 12 months thereafter in connection with this matter? Many of these sections appear suitable for ploughing and horse cultivation. Small areas distributed over the Town will make the cost slightly higher than if the vegetable area were consolidated in one block. The advantage in distributing the risks of loss from frost and in shelter from wind would appear to justify the distribution of plots.

I am at a disadvantage in preparing an estimate of costs of production since I have no personal knowledge of growing conditions in the Islands, nor of the quality of seeds that are available, <sup>little known</sup> of the returns that may be expected. I have, however, drawn up an estimate of probable costs and returns which is attached hereto. You will notice that in the past where hand cultivation has been practised the cost of preparing the ground for sowing has varied from £220 per acre for virgin soil to about £31.-10/- per acre for previously cultivated soil. I believe that these costs could be greatly reduced by ploughing and the use of horse and hand implements. On this basis I estimate that virgin soil may be prepared for sowing for approximately £8.-10/- per acre (excluding rent and depreciation on equipment). The estimation of costs of production is based on the assumption that the following :-

- \*1 single furrowed plough.
- \*1 set of discs.
- 1 horse hoe cultivator.
- 1 mold plough
- 2 Planet Junior seeders (with manure attachment)
- 2 Planet Junior hand cultivators with scufflers, drag hoe and other attachments (1 single wheel and 1 double wheel frame)

can be made available for this work. Those items marked with an asterisk might possibly be borrowed locally. The remainder are listed at a total cost of \$ 60 in the United States, or at a very rough estimate of about £36 Sterling in New Zealand.

Detailed estimates of costs of production are attached hereto.

*J. G. Little*  
Director of Agriculture



Details of

FRUIT AND VEGETABLE IMPORTS - FALKLAND ISLANDS.

(11)

1939.

(I) FRESH FRUIT AND VEGETABLES

⊗	Fresh Fruit (unenumerated)	754	cases
⊗	Apples	213	"
⊗	Peas	100	"
⊗	Tangerines	40	"
⊗	Bananas	92	"
⊗	Oranges	400	"
⊗	Lemons	15	"
⊗	Fresh Vegetables (unenumerated)	64	" (exclusive of onions and potatoes)
⊗	Grapes	51	"
⊗	Tomatoes	26	"
⊗	Peaches	14	"
⊗	Figs	4	"
⊗	Grapefruit	11	"
⊗	Cucumbers	4	"
⊗	Plums	6	"

Total Imports of Fresh Fruit and Vegetables 1,774 cases

NOTE In addition to the above items, the following were imported by the Colonial Government shortly after the outbreak of war :-

*for Navy*

Fresh Fruit & Vegetables (unenumerated)	145	cases (exclusive of
Cabbage	50	" onions &
Carrots	65	" potatoes)
Oranges	50	"

TOTAL - 310 cases

(II) TINNED FRUIT AND VEGETABLES

⊗	Tinned Fruit (unenumerated)	309	cases
⊗	Tinned Vegetables (unenumerated)	31	"
⊗	Bottled Fruit	3	"
⊗	Tomato Juice	131	"
⊗	Asparagus	21	"
⊗	Orange Juice	18	"
⊗	Peas	146	"
⊗	Tomatoes	168	"
⊗	Beans	22	"
⊗	Fruit Salad	6	"
⊗	Pears	16	"
⊗	Pineapple	22	"
⊗	Beetroot	13	"
⊗	Peaches	18	"
⊗	Grapefruit	5	"
⊗	Apricots	2	"

TOTAL 931 cases.



10

(III) DRIED FRUIT AND VEGETABLES

Dried Fruit (unenumerated)	304	cases
Peel	19	"
Plums	38	"
- Raisins	44	"
- Dates	79	"
- Currants	124	"
- Lentils	3	"
- Sultanas	14	"
Fruit Salad	4	"
Peas	34	"
Brown Beans	4	"
Other Beans	31	"
Peaches	8	"
Apricots	8	"
Figs	5	"

Total Dried Fruit and Vegetables 719 cases

SUMMARY

Fresh Fruit and Vegetables	1,774	cases
do. (Colonial Government)	310	"
Tinned Fruit and Vegetables	931	"
Dried Fruit and Vegetables	719	"

TOTAL - 3,734 cases.

(Sgd.) A. R. CARP  
16/6/40.



# GOVERNMENT TELEGRAPH SERVICE.

12

## FALKLAND ISLANDS AND DEPENDENCIES.

### SENT.

Number	Office of Origin	Words	Handed in at	Date
				13. 7. 40.
To	POLE EVANS PORT HOWARD.	WESTERS AND FOX BAY.		

IT IS VERY PROBABLE THAT IT WILL BE IMPOSSIBLE TO IMPORT FRESH DRIED OR TINNED FRUIT OR VEGETABLES SHORTLY AND ALL FARMERS ARE URGED TO HAVE AS MANY TERRY POTATOES AND VEGETABLES AS POSSIBLE PLANTED

- (a) TO REPLACE IMPORTED ARTICLES ON THE FARMS
- (b) FOR SALE TO STANLEY.

THE GOVERNMENT WILL GUARANTEE THE PRICE OF 1½d PER LB FOR POTATOES, 2½ PER LB FOR OTHER VEGETABLES, ONIONS 3d PER LB FOR ALL DELIVERED IN STANLEY IN GOOD CONDITION.

THIS IS A WAR EFFORT MADE NECESSARY

(a) BY THE OBLIGATION NOT TO PURCHASE ABROAD AND SO REDUCE THE VALUE OF THE £1 STERLING

(b) BY THE IMPOSSIBILITY OF MAKING ANY DEMAND ON THE UNITED KINGDOM FOR FOODSTUFFS

COLONIAL SECRETARY.



It is very probable that  
it will be impossible to import  
~~fast fresh~~  
dried or tinned fruit or  
vegetables shortly and all  
farmers are urged to have  
as many potatoes and vegetables  
as possible planted

(a) to replace imported articles  
on the terms

(b) for sale to Stanley

The Government will fix a ceiling  
the price of  $1\frac{1}{2}$  d per lb for potatoes  
and  $2\frac{1}{4}$  per lb for other vegetables



minus 3% per lb for all  
vegetables delivered at  
the Stanley in good condition.

This is a war effort  
to make necessary

(a) by the obligation not to  
purchase abroad and so  
reduce the value of the £  
sterling

(b) by the impossibility of making  
any demand on the U.K.  
for food stuffs



13.

DECODE.

TELEGRAM.

From Hon. R. C. Pole-Evans, O.B.E.,

To Colonial Secretary.

Despatched: 15th July, 1940. Time: 0845.

Received: 15th July, 1940. Time: 1000

Extract from Message filed in M.F. 211/37.

Your message 13th re vegetables etc., Westers beg to point out owing to the shortage of labour and the high cost of fertilizer please take note of my telegram of April 5th it is doubtful if they can grow enough for their own consumption.

POLE EVANS.

Red 13 in  
M.F. 18/40.



Estate  
GEORGE BONNER.



SAN CARLOS,

FALKLAND ISLANDS,

31st August 1940.

Sir,

I read with interest an account in the local News Weekly & Church Bulletin, which has just come to hand, of your recent broadcast appeal for the cultivation of more vegetables, potatoes etc.

Although eager to assist the Colony to become more self-supporting in any direction, I feel bound ~~state~~ to state that the shortage of Labour in the Camp will handicap any efforts I might wish to make towards increased cultivation of ground.

My usual complement of men on this Farm for Shearing is 24 - 25, this year I face the Season 4 short of the first number, with no prospect, as far as one can see, of filling existing vacancies apart from any others which may occur.

I think we are agreed that the production of the Woolcrop is work of vital importance to the Empire's War Effort (and the only way in which the Islands as a whole can help), and as such it must be given priority on any Farm.

Therefore during the Shearing Season the cultivation of gardens is a secondary consideration, and men are put to work there only when it is absolutely necessary and when they can be spared from the essential sheep work.

It is manifestly of ~~little or~~ no use to plant extra seed or potatoes in the full knowledge that they will produce little or no profitable results owing to lack of weeding and other attention during their growing period, and as this period coincides with the time when every man available is needed for sheep work I fear that this Farm will be unable to assist the local effort towards increased cultivation very greatly.

If any change in the present acute labour shortage should occur by which more men would become available for Camp employment I can assure you of my very willing co-operation in this matter.

I am, Sir,

Your obedient servant,

For and on behalf of  
Estate MESSRS. GEORGE BONNER

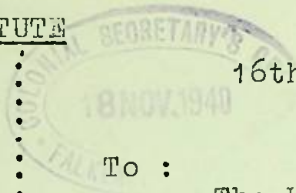
The Hon. A. W. Cardinall C. M. G.

Colonial Secretary's Office.

Stanley.

  
Manager.

MINUTE



15.

16th November, 1940.

From :  
Director of Agriculture  
Agricultural Department,  
STANLEY.

To :  
The Honourable,  
The Colonial Secretary,  
STANLEY.

---

I should be pleased if you would consider a proposal to divide say 10% of the gross takings from the vegetable and dairy projects between those responsible for production.

I think that if we offer some inducement such as this to the men concerned they would take a greater interest in the welfare of the crop and herd, and would have a distinct interest in securing maximum production. I presume they would also be interested in tracing such vegetables as might unaccountably wander, as some of our cabbages did this year.

Should you approve of this proposal it is in my mind to allow Mr H.R. Evans, Government House Gardener, double the bonus awarded to others since, ~~it is~~ in addition to his normal duties ~~that~~ he has undertaken the responsibility of producing the crops according to schedule.

*J. G. Gibbs*  
Director of Agriculture.



Port Stanley,  
13th September, 1946.

Dear Mr Matthew,

Here are some comments on the census report.

Imports and Exports. Deductions.

(1)

Imports. Encouragement of local production of butter, eggs, vegetables. I can give you figures regarding butter. My cow is a rather better than average milker and at present averages 32 lbs per day or 224 per week of milk. At a butter fat content of 3 per cent I should get 6 $\frac{3}{4}$  lbs butter per week. Her daily ration of food is as follows:-

30 lbs Tussac	@	8d per 20 lbs.	=	1. 8.
10 " Hay	@	9d " ton	=	10.
6 " Maize Meal	@	1.66 pence	=	10.
3 " Linseed Cake	@	1.64 "	=	5.
3 " Pollard			=	<u>7</u>
				4. 4.
Total per week,				£ 1. 10. 4.

The selling price of butter is 2/- per lb. Separated milk is not worth more than 1d per pint.

6 $\frac{3}{4}$ lbs. Butter @ 2/-	13. 6.
173 pints Separated Milk @ 1d	<u>14. 5.</u>
	£ 1. 7. 11.
Weekly Cost	<u>1.10. 4.</u>
Loss per week	2. 5.

Nothing has been allowed for value of pasturage, labour of attendance and butter making or for interest on Capital outlay including land. The figures speak for themselves.

*They do indeed Mc.*  
x /

(2) Eggs. I have no figures for this commodity, but I doubt very much if eggs could be produced commercially for anything less than the local Summer price which is about 2/6 per dozen. Some local people produce them as a sort of paying hobby or side-line. Once you begin to employ labour for the purpose, it is a different matter. It is fair to assume that if there were anything in it then some one would by now have taken up egg production as a full time job.

(3) Vegetables. Most people grow their own. The importations for purely local consumption are negligible. In any comparable climate there is always a Winter gap, when green vegetables are scarce. The other classes, roots etc. can be and are stored for Winter use.

Exports. Tallow. The practice of throwing the bodies of culled unwanted sheep literally on the beaches was discontinued years ago. Most Farms have a certain amount of ploughed ground and these surplus sheep are utilised mostly as manure, except when they are rendered down for Tallow. It can be definitely stated the following Farms do not follow this practice. The F.I.Co., Teal Inlet, San Carlos, Port San Carlos, Port Howard, Hill Cove, Roy Cove, West Point Island, Pebble Island.

highly  
Sheep Industry. Deterioration of Pastures. This is very/controversial. You cannot argue that because virgin pastures carried 800,000 sheep in its early days and only carries say 600,000 50 years later, that the pasturage has deteriorated. All virgin lands yield their maximum during their first years of use if only because of their reserves of accumulated fertility. The belief among Farmers here is that the lands of these Island have settled down to their natural carrying capacity. There are some who are of the opinion that the Islands are under stocked. There is only one case of gross overstocking resulting in deterioration of pastures viz. Weddell Island, but that was prior to 1900.

Yours Sincerely,

*Matthew*

EXTRACT FROM DESPATCH No. 8 of the 15th of May, 1947, TO THE  
SECRETARY OF STATE FOR THE COLONIES, FROM His Excellency the Governor.

(Original filed in 77/46 - Annual Medical & Sanitary Report for the year, 1945)

.....

2. It is, of course, preposterous that this Colony should require to import dairy produce, vegetables, and tinned meats. The solution so far as Stanley is concerned lies in the development of small-holdings, a project to which I will give further consideration on the arrival of the new Agricultural Officer. In the meantime the maintenance of the Government's dairy herd will ensure a supply of milk for school-children as directed by the Medical Department and for the sick, while I hope that interest in the cultivation of vegetables will be stimulated by the recent resuscitation of the Horticultural Society.

.....



EXTRACT FROM M.P. 77/46/16 - Annual Medical & Sanitary  
Report for the Year, 1945.

32nd  
35-

H.E.

I submit a further draft for consideration.

2. Y.E's. marginal note on para. 2. There is doubtless ample milk in the Camp but not in Stanley. There is enough for school-children ordered milk by the Doctor. but not for all school-children. And the private consumer does not always get extra milk if required. Nor has any cream been obtainable for 5 months: and the production of cream may be taken as evidence of saturation point in milk production.

(intld) A.B.M.  
13/5

See 35

EXTRACTED FROM HIS EXCELLENCY THE GOVERNOR'S MINUTES

OF THE 14th and 22nd of May, respectively.

(Original filed in 77/46 - Annual Medical & Sanitary Report for the Year, 1945.)

(a)

C.S.

17

Prima facie it looks as though we ought to increase our dairy herd?

When we get our Boarding School going we shall be able to do a good deal more in the way of improving children's dietary as I anticipate that the mid-day meal will be taken at the school by those attending as day scholars. There should be plenty of milk for the children then too.

Fair draft.

(intld) M.C.

14/v

(b).

C.S.

35(d)

re X on reverse, it has come to my notice that it is being said that there is insufficient milk for the children because Government House demands for cream. The latter never had more than a daily 1/2 pint which was discontinued many weeks ago when I learned of the shortage and now only takes an occasional quantity for ice-cream for local functions, hospital etc. The Gibbs Report implied that milk production had reached saturation point.

2. It would appear that there are in Stanley one or two malevolently-minded and evil-tongued persons whose identity I shall make it my business to establish with consequences to them which they will not enjoy.

3. Para. 1 of min. 17? There is of course the danger that so long as Government is willing to provide milk at cost to the Dairyman that the latter will not be bothered to keep dairy cows of their own. Government's liability in the matter shd. be no more than an insurance that a minimum quantity is available.

(intld) M.C.

22/v

("X on reverse" was statement in my minutes of 13.5.47 that no cream has been obtained for 5 months)  
C.B.L.

See item 77/46. file as above.

See (a) above

x



EXTRACTED FROM MINUTES OF THE EXECUTIVE COUNCIL MEETING HELD ON  
26th MAY, 1947.

(original filed in 0040 - Development Policy).

.....  
II Agriculture .....

Vegetable growing should continue but on a scale reduced from war needs, and allotment gardening should be encouraged. Milk supply should cover hospital and school needs and be available as a "control" over the dairies.

.....