

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	680	<u>Press</u> ~~Mis.~~
	472.473	
Dated	28 - 3 - 1865.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
23th March 1865.*

No. 472. Read again the Proceedings of the Board of Revenue, dated 10th January 1865, No. 108, recorded in G. O. 3rd February 1865, No. 202.

Read also the following letter from A. HUNTER, Esq., M.D., Honorary Secretary Agri-Horticultural Society, to C. G. MASTER, Esq., Under Secretary to Government, dated Madras, 28th February 1865, No. 115 :—

SIR,

With reference to the Proceedings of the Madras Government, No. 51, dated 3rd February 1865, with Order thereon, No. 202, I have the honor to forward a true copy of the Proceedings of a Meeting of the Sub-Committee of the Agri-Horticultural Society held on the 25th February 1865, giving the approximate cost of carrying out the proposals of the Society with reference to the Model Farm and the particulars of the scheme.

At a Meeting of the Sub-Committee convened to consider Proceedings of Government No. 51, dated 3rd February 1865, regarding the Model Farm held at the Horticultural Society's Gardens, on Saturday 25th February 1865.

Present.

GENERAL W. A. McCLEVERTY, in the chair.

E. G. R. FANE, Esq.

J. D. SIM, Esq.

A. HUNTER, Esq., M.D., *Secretary.*

Colonel T. Thompson, Remount Agent, Oosoor, was good enough to attend the Meeting, and aid the Sub-Committee with his advice and the result of his experience at Oosoor.

Proposed that all the land that is available at the Roshan Bagh and Homes' Gardens be taken up.

Probable expenditure to start Farm.

	RS.
Bullocks, 5 pairs...	700
Sheep and Pigs...	200
Carts, water-carts, and wheel barrows, &c. ...	500
Small Tools, Garden Implements, &c....	200
Manure...	100
Sheds for Cattle and Implements	300
	2,000

Probable monthly expenditure.

<i>Establishment.</i>	RS.
Superintendent ..	75
European Pensioner as Overseer ...	30
Native Writer	15
Ploughmen ...	40
Coolie labor ...	100
Feeding Cattle ...	100
Sundries ...	10
Stationery ...	5
	375

To be placed under a Special Committee consisting of
The President GENERAL McCLEVERTY,
J. D. SIM, Esq.,
E. G. R. FANE, Esq., and the Secretary.

The proceeds of the farm to be credited to Government, and an annual account presented.

*Proceedings of the Madras Government, Revenue Department,
23th March 1865.*

The special monthly grant of 150 Rupees now made by Government for Cotton experiments to be discontinued or rather to merge into the foregoing estimate of 375 Rupees.

(Signed) W. A. McCLEVERTY, *Chairman.*
() A. HUNTER, M. D., *Secretary.*

No. 473.

ORDER THEREON, 23th March 1865, No. 680.

Miscellaneous.

1. These papers relate to a proposal of the Collector of Madras to utilize the land belonging to Government at Sydapet, viz., the Roshan Bagh and Homes' Gardens, by forming a small farm on it for the exhibition of the agricultural implements lately received from the Home Government.

2. The agricultural machinery sent out by the Secretary of State is of great value, including a steam plough, reaping, and threshing machines, &c. The want of some place where these machines can be exhibited in regular effective operation has already been much felt. The people have evinced great interest in the new implements, but the exhibition of them, from want of trained men and cattle, has hitherto been unsatisfactory. At Oossoor the implements are successfully used, but as horses are exclusively used there, the lesson to the Ryot who can only afford cattle is but partial.

3. Merely to exhibit machinery at work in a desultory manner, serves only to excite interest and curiosity. The native agriculturist places no great faith in exhibitions got up regardless of expense. He doubts whether the implements would work as satisfactorily under ordinary circumstances; and he requires to see some proof of the advantages said to result from their employment. He is ready enough to admit that an English plough turns up the soil better than his own rude implement, but he doubts whether the crop will be so much better for this deep ploughing as to compensate for the greater cost of the instrument, and whether ordinary laborers and cattle can work it. It is evident that the removal of these doubts is a matter of the greatest consequence.

4. The Secretary of State is also sending out various artificial manures for trial, and it is essential that these should be tried under careful supervision, and the results accurately noted. The trial of the sewage of Madras as a manure is also very important.

5. Thus the establishment of a small farm has become a necessity, and advantage may properly be taken of the opportunity to exhibit to the people an improved system of agriculture.

6. In this Presidency the Government are in fact very much in the position of landlords, and reaping the benefits of that position cannot ignore its obligations. The revenue paid by Ryots holding directly from the Government exceeds 3½ millions sterling annually, and a large additional revenue is realized from the land in the form of export duties, &c. The advancement of agriculture is therefore an object of the highest consequence.

7. For these reasons the Governor in Council approves of the proposal to establish a small farm on the land referred to, which is very eligibly situated and at present turned to little account.

8. The expenses of the farm are estimated by the Horticultural Society at 2,000 Rupees for stock, &c., and 375 Rupees monthly for labor and establishment and other charges. The latter sum, however, includes the special grant of Rupees 150 monthly now made to the Society. The proceeds of the land are also to be accounted for, and will *pro tanto* diminish the charge, which, it may reasonably be expected, will thus be very trifling.

9. The most important question, however, is the constitution of the managing body. The necessarily fluctuating character of the Agri-Horticultural Society Committee renders it undesirable that the control of the farm should be made over to a Sub-Committee; and, moreover, this arrangement would put it out of the power of Government to associate with the Committee gentlemen, not members of the Society, of whose service Government might wish to avail itself.

*Proceedings of the Madras Government, Revenue Department,
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The Governor in Council considers that the best plan, at present, will be for the Government to appoint a Special Committee for the purpose, and thus render the farm a purely public experiment.

10. The estimates noted in paragraph 8 are approved, and the Committee will be authorized to draw the sum of 2,000 Rupees as required, and the monthly grant at the end of each month.

11. The Governor in Council is much obliged to the Horticultural Society for the trouble they have taken in connection with this question.

12. A copy of these Proceedings will be forwarded to the Supreme Government and the Secretary of State.

(True Extract.)

(Signed) J. D. SIM,
Secretary to Government.

To the Board of Revenue.
,, the Agri-Horticultural Society.

Exd. S. T. Augustin.

Revenue Department

Memorandum.

I think Mr. Fane's views as to the mode of working the Farm are to a great extent correct. The only doubt I have is as to the necessity of an European head man. - He will of course have to learn the whole of our Indian system of crops, and will probably be beggled to his own over-estimation of his headship. His salary will swallow up the whole of the proceeds of the Farm. I think we might get an intelligent H. C. Officer who could keep the accounts of the establishment, and then with the assistance of Mr. Barwell to teach the people how to work the machinery will be sufficient for our purpose.

I agree

W.D.

The H. C. Officer must know how to plough & perform the ordinary farm operations. The general instructions as to rotation of crops &c. will be given by the Committee. I should wish to see some intelligent natives on the Committee.

J.D.

These papers relate to the proposal of the Collector of Madras to utilise the valuable property at Sydapet by forming a small model Farm on it.

Of the expediency of such an establishment there can, I think be little doubt.

The Secretary of State has lately sent out Agricultural Machinery worth Twenty five thousand Rs.

The Implement

be at

have been exhibited on
one or two occasions but
except at Gosport, the result
has not been satisfactory.
The people were of great
interest in the subject, but
from want of trained
workmen and cattle the
implements in the ex-
ception did not work well.
The exception was the new
mowing machine which was
worked by the Engineer, Mr.
Barwell. It has been used
exclusively for mowing
so that the lesson to the
native who can only afford
to use cattle is but par-
tial. Some places like the
where men could be taught
the use of the new imple-

v. Minute of
H.R. the President
on Adm. Ky
Cattle show.

is the only way of meeting
this difficulty. With a
farm the people would not
only see the implements
in regular use but have
the opportunity of learning
how to work them efficiently.

It is not enough
however to exhibit a ma-
chine at work - the advantage
of using it must also be
made apparent. The ryot
will readily admit that
an English Plough will
turn up the soil better than
his own rude implement -
but he doubts whether the
crop will be so much better
for this deep ploughing as
to cover the greater cost
of the plough - ^{whether} ~~that~~ ordi-
nary Cattle can work

it is. If the Govern-
ment can show him that
these doubts are erroneous.
that the English Govern-
ment will pay with, a very
important step has been
gained.

Again the Secretary
of State is sending out arti-
ficial manures for trial
and without some places
where these can be tried
under proper supervision,
the only alternative will
be the unsatisfactory
mode
of distributing them to
private individuals in
small quantities to be
perhaps carelessly tried
and probably reported
on in terms too general
and

in the human mind
the artificiality
of the results
is very apparent
- for the purpose of the
experiment is to
show the value of
the manure in
the soil.

and indefinite for prac-
tical use. Similarly the
Government go to considerable
expense in procuring seed of
various kinds, and trust
of necessity to the chance
of their being properly tried
by private individuals.

It is admitted by
all that agriculture is in
a backward state - that
labor is scarce and rapidly
rising in value and the
Government have gone to
considerable ^{expense} in providing
improved implements - if
the next step of showing
those implements in regular
effective work - of proving the
advantage of adopting them
and exhibiting an improved
system of agriculture, found

on the use of the best im-
plements. The employment
of manure - the proper feeding
of stock - judicious rota-
tion of crops - ~~to be not taken~~
we shall
stop very far short of
the object we have in view.

The experience of
past years has in fact
shown how little good has
resulted from merely pro-
curing and distributing
agricultural implements.

In this Presidency
the Government are in fact
very much in the position
of landlords, and with the
benefits they should not
ignore the obligations of Land-
lords. The Ryotwary Revenue
alone exceeds 3½ millions ster-
ling per annum. Besides
the

unquestionably

6
the revenue indirectly de-
rived from the soil in the
way of Customs duties &c.
Even if £10,000 per annum
were spent on Model Farms
and agricultural experiments
and teaching, the outlay
would be but .3 per cent
on the Ryotwary revenue
alone.

Under these circum-
stances, I hope Government
will consent to give Mr.
Stuart's proposal a trial.
The Hort. Society propose to
commence operation in a small
way. The land already be-
longing to Government and is
in a very eligible situation.
They ask Rs 2,000 for stock
&c and a worthy grant
of Rs 375 into which

W

however their present special grant of Rs. 150. monthly is to merge. The Government are also to provide a complete set of the Implements received from England, and on the other hand the proceeds of the Farm will be handed over by the Society. Thus a grant of Rs. 650 or deducting the present allowance a grant of Rs. 470 is all that is sought for the first year and against this has to be set the proceeds of the Farm.

The Society propose to entrust the immediate management of the Farm to a Sub-Committee of which the Collector of Madras will be a member, and

The committee of the main-
-ing body with of the first
-in front of the scheme - they
-we can of the scheme - they
-shown me I think to be
-committee of the Society
-but I don't think appointed
-by Govt who I don't know
-best man for it - some
-of the A.S. of course it
-is made as in the case of
-but not the working
-man of

I doubt not they would readily add to its number of the Revenue Board or any other officer desired by Government.

At the outset I think it would be well to accept the agency of the Society - but I should myself strongly urge that the attention of the Secretary of State should be strongly drawn to the expediency of giving us a good practical agriculturist to manage the Farm. The information which the Government and its officers possess as to the agriculture of the Country is extremely limited and uncertain - and seeing how largely

This seems to me desirable. I have my doubts as to this - the principle which should guide the farmer in his own sphere, but the details differ in every country - our business is to improve the details here, and should like to see an intelligent Native employed, such a man as the Rev. William who was at Secmool, upon the Committee, & the work done very much better.

and directly the Govern-
ment are interested in it,
the trifling expence involved
would be money well
laid out.

Orders requested.

J.M.

I am always disposed
to be sceptical about the
results of experiments con-
ducted by Amateurs, who,
dealing with other men's
money, do not share the
cost of the measures they
bring under trial; and in
this matter particularly,
I cannot avoid noticing
that we are instructing a
great deal for which Govt.
are paying pretty handsomely,
to an insignificant body, composed
of whose principal & active
members will soon be far
away from the experimental
Farm which they are now
agreeing to build & to experiment.
I don't overlook that the
Farm

45
Save the prime money of
the whole, will remain. But
it seems to me, that an Officer
of the Govt., in his position as
Collector, and very generally
on a more the Farm, should not
be much mixed up with an
experimental establishment such
as we propose to conduct and
support. If he is, the favorable
results, if any such be secured,
will appear, surely be attributed
by the public, to the
active vision of the agricultural
working classes, to the power
and influence which the
Collector has brought to bear
on the operations and cultivation of
the Farm, and their consequent
in the possibility of similar
results attending their own
attempts in the same direction
are proportionately diminished.

I would, therefore, as soon
as possible, arrange for rearing
a fit superintendent, in the
manner followed with the
plantations, and let the Collector
as such have no more to do with
the Farm than will fall to his
share as a member of the Board.

I indeed had not been that the costly
machinery set out by the S. of State must now
be lying somewhere unused, and, by consequence, valueless.

Accordingly, I should have preferred
to have the subject of the Farm specially to the
charge of the S. of State. I await for commencing operations,
the arrival of the person whom I think he will select.
See my note on 11th March. J.P.

X out to both of the Farm from the
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90

These papers relate
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the Com. of Madras
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at Hyderabad - viz
the Roskur Bagh
and Home's gar-
dens - by forming
a small farm
on it for the Exhi-
bition of the Agri-
cultural Imple-
ments lately re-
ceived from the Home
Govt.

W.D.H.

The Agricultural
Machinery sent
out by the Secy of
State is of great

Valley - including
a Steam Plough -
Reaping & Threshing
Machines &c. The
want of some place
where these machines
can be exhibited
in regular & effec-
tive operation has
already been much
felt. The people
have evinced great
interest in the
new implements
but the exhibition
of them from want
of trained ^{men &} cattle
has hitherto been
unsatisfactory. At
Ossoor the Imple-
ments are success-
fully used, but

as horses are ex-
clusively used there, the
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cattle is but par-
tial.

Merely to ex-
hibit machinery
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-fective manner, serves
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The native agricul-
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-portunity ~~which~~ ^{to}

Exhibit to the people
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of agriculture.

In the Presi-
dency the p.^t
are in fact very
much in the po-
sition of Landlords
and ^{reaping} the bene-
fit ^{of that position} cannot ignore
its obligations - the
Revenue paid by
the holding directly
from the p.^t exceeds
3 1/2 millions ster-
ling annually -
and a large ad-
ditional Revenue
is realised from
the land in the
form of Export Duties.
The advancement
of agriculture is

an object
therefore ~~an object~~
of the highest con-
sequence.

For these reasons
the p.^t approve of
the proposal to es-
tablish a small
farm on the land
referred to, which
is very slightly di-
tricted and at
present turned
to little account.

The Expenses
of the Farm are
estimated by the
Ent.^l Society at
2000 Rs for stock &c
and 375 Rs monthly
for labor & establish-
ment & other ~~Exp~~
charges. The latter
sum however includes

The special part
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The most im-
portant question how-
ever is the constitution
of the managing
body. The ~~present~~
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fluctuating character
of the Agricultural
Committee renders
it undesirable that
the control of the farm

should be made over
to a sub-committee. ^{As} it
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rangement would put
it out of the power of
the sub-committee to
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men - not members
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service the Society might
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The principal consideration
is at the present plan,
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point a special
Committee for the
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The principal is much

Myself & the Clerk
society for the
books they have
taken in con.
rectors in the
position -

14 To the Board of Directors
1 - the Board of Directors

Revenue 1865 Dispatch
Proof of for March.

No 680

Proceedings of the Madras Govt.

of 28th March 1865

From the Hon. Secy to the Farm
Committee Hyderabad to No 58/65

From the Acting Hon. Secy
to the Farm Committee of 25
Sept 1866 @ A 3328

Approving the proposal
to establish a Model Farm
at Roshan Bagh and Home
Garden.

2-8-95
9.10.12

13-8-23 BTR

Pro. No. 406-407
27-9-64
51-52
3-2-65

N 4724-473