

Rev. Bp. D.

Proceedings of the Madras foot.
Under date the

Read the following
letter from the Hon. Secy
Govt. of Madras

Submitting Annual Report
of the Govt. of Madras for the year 1869-70
M. 1st Aug 70.

The Rt. Honble
the Governor in Council
has perused with much
satisfaction the report
submitted by the Committee
of the Experimental Station
for the past year. The
Supd^t report is one of the
most valuable and
interesting documents
relating to Agriculture
in this Presidency which
have ever been laid before
the Govt.

J. D. S.

It seems hardly
to your Hon^{ble} Committee
that the report is
so good. I should not
surprised in connection
with the fact that
the report is
so good.
By P.

The farm now com-
prises about 125 acres, fifty
of which have been resumed
during the year under review.
The Farm buildings are
now complete and the
residence is occupied by the
Supt. A granary is in
course of erection, and two
large cattle sheds & one
sheep shed have been finished.

3. Several experiments
with various kinds of
manures have been made
during the year, and it is
considered that the manure
produced by the loose-box
system - i.e. by keeping
cattle in a loose-box for
three or four months without
cleaning it out, is superior
to any other. Aquatic
weeds have been found useful
as a means of inducing
fermentation

fermentation & decomposition
of other vegetable matter, &
the qualities of alluvial
deposit have been turned
to account.

4. The experiment
referred to in para 19, of
the report proves that
feeding cattle for slaughter
may, if scientifically
conducted, be made highly
profitable. A trial of
the respective merits of
four kinds of fodder
resulted in favor of guinea
grass, but the Committee
state that this was not
in accordance with
former experiments, &
it is evident that the
experiment must be conducted
on a larger scale
before a correct
estimate

But the Hinds won't
eat beef.

where a market
can be found.

Estimate of the properties
of fodder can be attained.

3. Improvement of
the breed of sheep by the
process of "selection" has
engaged the attention
of Mr. Robertson whose
remarks on this subject
are undoubtedly sound.
Any improvement in
fodder must ameliorate
the breed, and the Supdt
rightly observes that if crops
can be provided for con-
sumption on the land
by sheep, one of the most
difficult problems of
the day will have been
solved.

6. The marginally
noted crops have been
grown at the Farm during
the year. Separate reports
on

Maize (both American & Australian)
Yellow & White Cholera, Horse
& Bengal grass, Carolina
paddy, Italian ryegrass
Lucerne, Beet root, Mangold
wurzels Rapi, Guinea & Karyala
grass, Shell, Murchatistoy &
Wild Indigo.

Andam has been dry.

50
on the cultivation of
several of these have already
been sent in to Govt.
The opinion at the Farm
in regard to Carolina
paddy appears different
to that obtaining in
the districts, where it is
generally considered that
this grain requires less
water than most of the
Indian species of paddy.

7. Perhaps the most
interesting portion of
the report is that which
relates to the implements
employed at the Farm.
The fallacy of the not
uncommonly received
idea that European
agricultural implements
are

are unfitted for use
in India has been tho-
roughly demonstrated &
the advantage of a deep-
working English plough in
lessening the effects of
drought has been
proved. A cheap plough
constructed on English
principles is now the
main desideratum & in
order that this may be
supplied & other imple-
ments manufactured,
the committee are
about to set up
a fresh forge.

The receipts of the
year including the balance
remaining from last year
(Rs. 14,70) & the amount re-
ceived from Govt (Rs. 13,220)
aggregate Rs. 19,000-14-9
The expenditure was Rs.
10,635-3-5, of which Rs.

I have omitted all the
to say.

The Com^r will
communicate to
Mr. Roberts on the
high opinion which
Mr. Bunter has of
his qualifications &
then a representation of
the persons & the
manner in which
he has conducted
his duties &c.

I have stated very
briefly in a report
before you

Rs. 10,443 was expended
in supervision and labour
9. The thanks of
Govt are tendered to the
Committee for their ex-
ertions during the year.
[As they anticipate
they are able in regard
to that portion of the
property which they pro-
pose to convert into a
"Model Farm", to show
a paying balance on
sheet at the end of the
current off. year, they
will remove the princi-
pal objection to such
undertakings being
carried on with Govt
support. Much credit
is due to the Supt, and
any scheme which the
Committee may submit
for bettering his position,
will

will be considered in a liberal spirit. The Govt suggest that the increase in his remuneration should take the form of a percentage on the profits realised from the Model Farm -

This is the most form of remuneration possible for an Experimental Farm - & will be very distinct. -
- for 5000 Rs. per annum -

It is suggested that the remuneration should be fixed at 10% of the profits realised from the Model Farm -

It is suggested that the remuneration should be fixed at 10% of the profits realised from the Model Farm -

No 2225 Revenue Depart

Pros of the Madras Government

Under date the 14th July 1870

Read the following letter

Submitting Annual Report of the Hyderabad Farm for 1869-70 from the Farm Committee.

Submitting, with remarks, Report of Supdt of Farm on agricultural operations of 1870-71, on Rosanbaugh Estate.

H. E. 1st Aug 1870

H. E. 18 June 1871

In these Proceedings

the Govt will briefly notice the report of the Hyderabad Farm Committee for 1869-70 as well as that for 1870-71.

2. In 1869-70 fifty acres were added to the farm which at the close of that year comprised about 130 acres.

N. A. P.

J. D. S.

C. 15 Sept 70 R. C. 7th Oct 70 R. 20 May 71 R. 10 July 71

In 1870-71 the area was
increased to 250 acres by
the addition of a tract on
the north side of the Estate,
and this tract the Committee
propose to cultivate "on
economical principles as
"a Model Farm" reserving

the original or "South" Farm
for experimental purposes.
The Committee believe that
the "Model farm" will be
not only a self-supporting
but a paying institution; and

in his report for 1870-71 the
Agent [by an ingenious
process of calculation] shows
a balance of £25. 5. 0

Settle with

to

to the credit of the farm
as the result of the first
half year

3. Both Mr Robert
son's reports are replete
with interesting matter.

Under the direction of
the Committee the range
of his experiments has
been gradually widened,
and while scientific
enquiry is brought to
bear upon Indian
husbandry in all
its branches, practical

Results

Results are exhib-
ited with a re-
gard to minutiae
which shows that
the Committee
& Staff fully appreciate
the important
influence which
a thorough illu-
cination of
the subject may
Exercise

exercise upon the
country at large. In
both these respects the
management of the
Farm during the last
two years contrasts most
favorably with the
earlier stages of its history.
Among the topics
which have engaged
the attention of the
Staff during the last
two years the following
may especially be men-
tioned.
Improvement of
the breed of sheep
by

by "selection", greater
attention to fodder &c.
Experiments conducted
with a view to as-
certaining the best
kind of fodder for
cattle

Inquiry into the
chemical analysis &
careful attention to
practical results into
the respective merits
of different manures,
animal, vegetable &
mineral, &c.

The question of irri-
gation under certain
circumstances with
a due regard to economy
the

175
The effects of continued
cultivation upon the
productive capacity
of different soils

Comparison of the
results attainable with
various agricultural
implements: British &
European.

Cultivation under
circumstances favorable
for scientific investi-
gation of various crops,
chiefly those of which
the success is still a
matter of experiment

The receipts of
the year 1849 in-
cluding the balance
remaining

remaining from the pre-
ceding year (£14,70) &

the amount received
from Govt (£13,220)

aggregated £19,880.14.9.

The expenditure was

£10,635.3.3, of which

£10,443 was expended

in supervision & labour.

The report for 1870-71

does not contain the

requisite particulars

as regards the whole

estate. It is requested

that this omission may

be rectified.

6. The Committee

will

174-176

will communicate to Mr.
Robertson the high
opinion which the
Govt entertains of his
qualifications, & their
appreciation of the zealous

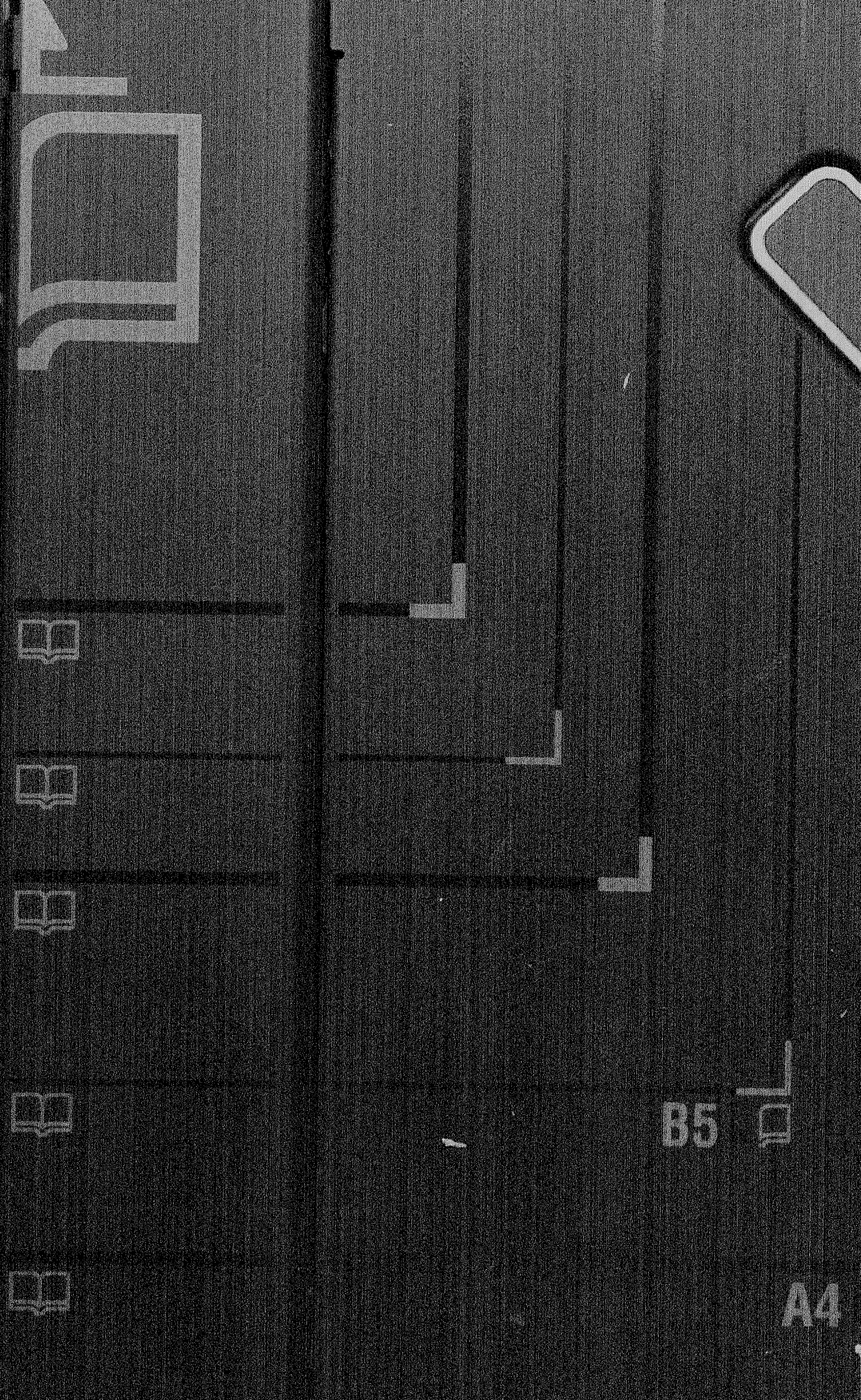
6. To the Farm Committee Report of the 4 able manner in which
14. ———— 13-76 per 15-
1. ———— Agree Robertson's conduct & he has conducted his

Note.

In accordance with the
Honble Mr. Robertson's
Desire, a fresh draft is pre-
pared which notices the
report recently sent in by
the Farm Committee for
1870-71, as well as that
for 1869-70. If this draft
be passed the former draft
will of course be cancelled.

Wm.

Wm.



B5

A4

File 5/11/10