

Educational (1900) Department.

ORDINARY MS.

G.O., No. 299

DATED 20. 7. 00 ✓

INDEXED.

[Despatch Abstract.]

Recording, with remarks, reports by S. S. Leath  
and Agricultural Chemist to the Govt  
of India on the course of instruction  
given by him at the College of Agriculture,  
Saidpur, & on the analytical work  
done by him.

| No. | Department. | Date. | G.O. | No. | Department. | D |
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|     |             |       |      |     |             |   |

தமிழ்நாடு ஆவணக்கார்பகம்  
பாதுகாப்பு பிரிவு  
பயாதி 5.2013-2013  
செப்பனிட்டுவரின் பெயர் : ஈ. சிவசுந்தரம் 48  
செப்பனிடுவதற்கு  
எடுத்துக்கொண்ட நாள் : 9/13  
செப்பனிட்டு முடித்த நாள் : 22-10-2013  
-- சரிபார்க்கப்பட்டது --  
முதிபாளி(1) முதிபாளி(2) ஆராய்ச்சி உதவியாளர்

[L. & M. Dept.  
1,500-19-3-00,

C. No.  
Ed. 884

NOTE FOR THE *St*

299  
2 where is the annual  
report to which the ~~the~~ Mr.  
Benson refers in the  
second para. of his em-  
bursement of 28 June 1800.  
No. 3207.?

ASP  
11.7.4800

It has not yet been submitted to fr<sup>t</sup>.  
It is due only on the 15<sup>th</sup> September next.  
vide entry on page 3 of 80 no 750 etc all  
1<sup>st</sup> Dec: 1896 - (The Act has a copy of this 60.)

13/7/00

a list of  
Educ. returns  
1888

# Educational (189<sup>12/10</sup>) Department.

CURRENT No. 884



10/19/1900  
238 in  
100

From The Board of Revenue, Rev. Sett  
Land Recds and Agriculture, Madras.

No. 3297 Misc

Dated 28th June 1900

Received }  
Registered } 5-7-00  
Enclosures 3  
Spare copies

In case of <sup>17/10/00</sup> SUBJECT.

College of Agriculture. Submitting  
to Govt with remarks, reports by  
Dr. Leat or Asst. Agric. Chemist to  
the Govt. of India on the course  
of instruction given at the ----  
and on the analytical work done  
by him.

299  
3

Order no. 299 d/28/10/00

Recorded.

2. The action taken in para. 4 & 5 of  
Dr. Leat's report <sup>which is now with the B?</sup>  
is stated <sup>in the annual report</sup>

9/7/00

17/10/00

I think we had  
9-7-00 better record, & not

print this. See please  
what is said in Mr. Benson's  
second paragraph. The  
annual report <sup>it appears</sup>  
(which is now with the B?)

altho' not done in the Govt.  
office until Sept next) contains  
it in substance, & the proposed  
order is not of any material  
use.

The Bd of Rev (R.S) 9/10/00

D.P.S. 240

Rev. Secy. 16.7.1900

22. 8/1/00

# BACK PAPERS.

| G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|
|      |     |             |       |
|      |     |             |       |
|      |     |             |       |
|      |     |             |       |

# FURTHER PAPERS.

| G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|
|      |     |             |       |
|      |     |             |       |
|      |     |             |       |
|      |     |             |       |

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3

20 CURRENT No. 884  
Sett. 13-2,000-15-4 98.)



## Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture),

Dated 28th June 1900. 189 .

No.3207 Misc.

The Hon. Mr. Nicholson.

Read endorsement of the Director of Public Instruction No.5367  
dated 23rd June 1900 on letter from the Principal, Madras  
College of Agriculture, No.283<sup>B</sup> dated 1st May 1900.

### Resolution.

Forwarded.

2. As the report is more than two months old,  
and has already been embodied in the annual report of the  
College of Agriculture - B.P.No.291 dated 20th June 1900-  
the submission thereof to Government separately appears  
somewhat unnecessary.

(True Extract)

*C. Kern*

Dy. Director for Secretary.

To The Secretary to Government, <sup>Educational</sup> Revenue Department, with papers in  
Copy to the Director of Public Instruction. *original*

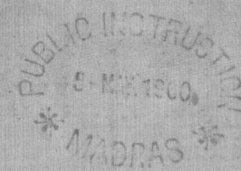
RR No 6221/900

Department of Public Instruction.

No 223-13 dated 1st May 1900. 299  
4

Enclosures. 2

Spence's rule.



Subject

Lab. work of 2 reports by the Director, the

Asst. Agricultural Chemist, Govt

Lathi, on the courses of instruction, at

the college, and on

the analytical work done by him

No. 5967 of 23-6-00

Submitted to Government through the Director

of Agriculture.

2. The reports contained in para 4 of D. 1. Letter  
report will receive due attention.

G. H. Stuart

No. 223-B

Madras College of Agriculture,

Saidapet, 14 May 1902

From

R. S. THORNE, Esq.,

ACTING PRINCIPAL,

MADRAS COLLEGE OF AGRICULTURE,

To

The Honorable Mr. Secretary

Public Instruction  
Madras

SIR,

I have the honor to submit a report  
by Dr. J. W. Leather, his assistant, regarding  
his visit to the Government of India on  
the course of instruction given by him  
at the college during the summer. Also  
on the analytical work done by him during  
his stay at the college is also submitted.

As mentioned in his report,  
Dr. Leather did duty at this college  
this time, for two months from  
15th February to 14th April.

I have the honor to be  
Yours most respectfully,  
(Signed) R. S. Thorne

ag. Principal  
Enc. Copy. A. Ramalinga Iyer  
ag. 1st assistant

se address reply to—  
DEHRA DUN,  
N.-W. P.

FROM

No.

THE AGRICULTURAL CHEMIST  
TO THE GOVERNMENT OF INDIA,

To

R. S. Thorne Esq.

Acting Principal

College of Agriculture, Saidapet.

Saidapet Dated 14<sup>th</sup> April 1900.

SIR,

I have the honour to submit  
a report on the courses of  
instruction which I have given  
at the college this year, between  
February 15<sup>th</sup> and April 14<sup>th</sup>.

2. To Class III I delivered a course  
of 26 lectures on soils and  
on Dairying & Feeding  
stuffs.

To class II I delivered a course  
of 23 lectures on Organic Chemistry,  
to which was added practical  
analysis in the laboratory on  
7 afternoons, the work includ-  
ing the differentiation between  
the principal carbohydrate  
Oils.

26 lectures seem  
to have been delivered

X 24 seem to have  
been delivered

3. There has been no examination during the term, such as I held in Dec. 1898, and so I cannot speak of the individual qualifications of the student as I could on the former occasion. In class II there are certainly one or two whose general educational qualifications are of a low standard. On the other hand there are several very intelligent ones.

4. With reference to the <sup>\*</sup>Syllabus for Organic Chemistry, I think it would be an advantage if the alkaloids were placed in the "theoretical" instead of in the "applied" part. The most that one can profitably tell such a class of student is their origin, & whether they are very poisonous. I believe they were formerly a subject for the practical examination, but they were excluded for the very proper reason that such work is wholly unsuited to the class of student at the college.

2.

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5. In reference to the applied part of this subject, it would be a very great advantage if some good coloured drawings, showing the principal machinery employed in the manufacture of sugar, beer, spirit, vinegar & Indigo, could be obtained. It is practically impossible to give the students any idea of the processes involved without either models or diagrams. I believe they are to be had in England. I will also during the next twelve months try to prepare some lantern slides for the same purpose.

The theoretical section of the subject should be explained more perfectly by experiment than I have been able to do on the present occasion.

I will, if you wish it, bring suitable apparatus with me in future but I should like to have a little notice.

In the present case I was not aware until I arrived that it was desired I should take this course of lectures.

6. In case of reprinting the syllabus of this subject it would be an advantage to rearrange it in one or two respects.

I have the honour to be  
Yours most obedient servant

J. Walter Leather  
Asst. Agricultural Chemist  
to the Govt. of India.

2 to D<sup>o</sup> 4320 4/90

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No.

Office of Agricultural Chemist to the Government of India.

*For a full report see 10337*

Report on the composition of 10 Samples of Cow's milk of the Saiduherd.

sent by

Saiduherd  
14 April 1900

It will be seen that the composition of the milk of this herd is in accord closely with that of European cows' milk.

J. Walter Leather A.D. 1900

|                |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Water          | 86.14 | 85.52 | 84.48 | 86.13 | 86.98 | 86.08 | 86.79 | 86.27 | 86.84 | 85.97 |
| Butter fat     | 4.41  | 5.48  | 6.07  | 4.57  | 3.52  | 4.62  | 4.44  | 4.00  | 4.14  | 4.69  |
| Protein        | 3.23  | 3.14  | 3.27  | 3.44  | 3.27  | 3.25  | 3.10  | 3.15  | 3.16  | 3.23  |
| Sugar          | 5.05  | 4.68  | 4.66  | 4.56  | 4.96  | 5.05  | 4.70  | 4.82  | 4.81  | 4.92  |
| Mineral matter | .76   | .70   | .72   | .77   | .72   | .77   | .69   | .76   | .74   | .72   |
|                | 99.39 | 99.52 | 99.20 | 99.47 | 99.48 | 99.77 | 99.72 | 99.00 | 99.74 | 99.52 |

Spr. at 15.52 1033 1030.5 1032.5 1032.

Baggiun II  
Govindi  
Parwati  
Mucunalehi

10337 10369 1032.2

average milk of herd 29.3.00  
average milk of herd on 4.4.00  
average milk of herd on 7.4.00

11  
No. 1 to Dec 1899 4320 900

incl-1  
Dec 1899