

1-1-1911

## President's Report to Board of Trustees, 1911-12

Clemson University

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REPORT TO THE BOARD OF TRUSTEES.

No. 7

December 14, 1911.

The Honorable Board of Trustees,  
Of the Clemson Agricultural College,  
Columbia, S. C.

Gentlemen:-

I beg to bring to your attention the following matters:-

1. In accordance with the resolution passed at your July Meeting, I have sought to find a time agreeable to those members of the Wyas & Means Committee of the House and the Finance Committee of the Senate who were absent when their respective Committees met here in the spring, to visit the College. So far, however, I have been unsuccessful, and it is probable that the meeting cannot be arranged before the General Assembly convenes in January. Those who express a willingness or ability to come indicate that during the first week of the session would be most agreeable to them. I shall continue my efforts to find some time suitable to the majority of those who

2. The Southern Railway Company has decided to change the location and size of the depot at Calhoun in a way that will necessitate shifting their side-track, and this in turn will necessitate our moving the track scales and re-locating them. The expense of this move will be between three and four hundred dollars, and I recommend to you that rather than incur this expense, we take up the scales and try to sell them. I do not believe they are worth while maintaining at any further expense.

3. On account of the large number of animals which have this fall been maintained in the Veterinary Hospital, our appropriation for feed has been exhausted. Dr. Powers has turned in to the Treasury from the sale and the board of animals, \$111.15, and I request that

this amount be appropriated for the use of the Veterinary Hospital in order that the work may be continued. We are glad to see that our neighbors are coming to appreciate the value of the Clinic, and that more animals are being brought in, because it helps with the work of instruction.

4. I request that an appropriation of \$150.00 be made to cover the expense of our exhibit at the South Carolina Corn Exposition now in progress in this city. An appropriation for this purpose was overlooked at previous meetings, and the College could hardly afford to have held aloof from so important an Agricultural enterprise. While our exhibit is small, I think it is quite creditable, and the work done by our Instructors and lecturers has been an important contributing feature to the success of the Exposition.

5. I would like to know if the Board thinks well of getting out Agricultural charts for use in the common schools. If so, we can go ahead and get our material in shape, and later ask for an appropriation to cover the cost of printing and mailing. I believe that these charts would not only be helpful in teaching Elementary Agriculture, but would serve to attract the attention of school pupils to Clemson College as the center of the Agricultural system of the State.

6. I would bring to your attention the fact that South Carolina has no oil inspection laws, and as a result, the State is a dumping ground for inferior illuminating oils, gasoline, etc. which cannot be sold elsewhere. It might be wise for us to consider the propriety of suggesting legislation looking to an oil inspection under the supervision of the College.

7. Sometime ago at my request, Mr. J. W. Mansfield, who last session proposed certain rather radical fertilizer legislation, visited the College and spent a day in consultation with our Mr. Stackhouse, Dr. Brackett, Col. Hardin and others, in reference to desirable changes in the fertilizer law. He has drafted a bill which meets with the

approval of our people, and I would suggest that the Board consider this at their next session.

approval of our people, and I would suggest that the Fertilizer Committee consider this at their next session.

8. After considerable work and study of short courses as given at almost every Agricultural College in the United States, our Agricultural Department has drafted the following One Year Course, which at your last meeting, I was authorized to get up and present to you for adoption. It is our idea to have this Course begin October 1st and end June 1st, making the total cost, including all necessary uniforms, etc. \$100.00 for those students who <sup>get</sup> free tuition. It was our proposal to admit to this Course no student under eighteen years of age, and no student who has not had experience on a farm.

I have not as yet had any communication from Mr. Mims looking to a change in his scholarship bill so as to make their duration one year instead of four. It is my hope while at home during the Christmas holidays to go to see Mr. Mims and talk the matter over with him.

The following is an outline of the Course:-

Prospective Resources (Tag tax \$265,000.00).....	\$ 358,567.10
Budget, 1911 - 1912.....	336,501.35
<u>THE AGRICULTURAL SHORT COURSE.</u>	
Balance.....	\$ 32,065.74

<u>Theoretical</u>		<u>Practical</u>	
Agriculture.....	2 - 2 - 2w	Agriculture.....	2 - 2 - 2
Animal Husb'ry & Dairy'g.	3 - 3 - 3	Animal Husb'ry & Dairy'g.	2 - 2 - 0
Botany (Study of Plant Life)	2 - 0 - 0	Botany (Plant Study)....	2 - 0 - 2
Entomology(Insect Study)	0 - 2 - 2	Entomology(Insect Study)	0 - 0 - 2
Farm Science.....	0 - 2 - 0	Farm Science.....	0 - 2 - 0
Horticulture.....	2 - 0 - 2	Horticulture.....	2 - 0 - 2
Farm Calculations and Bookkeeping	3 - 3 - 3	Veterinary Science.....	0 - 2 - 0
<del>Wood Work.....</del>	<del>2 - 2 - 2</del>	Wood Work.....	2 - 2 - 2
Parliamentary Practice, Institutes, etc	3 - 3 - 3	Blacksmithing.....	2 - 2 - 2
		Drill.....	3 - 3 - 3
<hr/>		<hr/>	
Totals..	15 -15 -15		15 -15 -15

This course, after having been designed by the Agricultural Department, was submitted to the general faculty and by them approved and recommended to you for adoption.

Experience may indicate wherein it will be necessary to make changes in this Course in order to improve it and perhaps to make it accord with the ideas of our new Director. The curriculum suggested is, therefore, in a measure tentative, and we would ask that the right be given us to make minor changes which may seem necessary, and which do not nullify the spirit of the schedule submitted.

9. On account of the uneasiness felt by some members of the Board in regard to our finances, I deem it wise to make the following statement, which will, I am sure to an extent at least, reassure you. I do not believe that we have cause for any grave apprehension unless an altogether unexpected reduction in the tag tax takes place, - a reduction far in excess of the estimate of any one in a position to judge, and whose opinion I have heard expressed.

FINANCIAL STATEMENT.

1911-1912.

Prospective Resources (Tag tax \$265,000.00).....	\$ 368,597.10
Budget, 1911 - 1912.....	<u>336,501.36</u>
Balance.....	\$ 32,095.74
Probable Lapses, June 30, 1912.....	15,000.00
Appropriations that can be held back.....	<u>25,000.00</u>
Probable and Possible Reduction.....	<u>\$ 72,095.74</u>
Equivalent Tag Tax.....	\$ 192,904.26

10. The attention of the Board is directed to several measures which are pending in the National Congress looking to appropriating money for Extension Work and lines of Agricultural instruction in the scholls. Notable among these bills is Senate Bill No. 3, properly known as the Page Bill, and the Lever Bill, which was considered by you at the July meeting.

11. It is with deep regret that I have to report the receipt of

Oleason College, S. C.,

Dec. 10, 1911.

a letter from Mrs. Mann, in which she states that your colleague, the Rev. C. D. Mann, is suffering from Bright's Disease, and is threatened with softening of the brain, and that his case is practically hopeless. I would suggest that suitable resolutions of sympathy be adopted by the Board and sent to Mrs. Mann.

The Committee appointed at your last meeting to confer with certain parties who appeared to be suitable candidates for the Directorship of the Agricultural Department, beg leave to submit the following report.

Respectfully submitted,

Your Committee made a visit to Starkville, President, and spent there a night and a day.

We had a lengthy conference with Dr. Tait Butler and Prof. E. R. Lloyd on the night we arrived, and spent most of the next day in visiting the Mississippi Agricultural College, and looking over Prof. Lloyd's work. During the day, we had further conferences with both of the gentlemen under consideration.

It is our opinion that either Dr. Butler or Prof. Lloyd would acceptably fill the position of Director of the Agricultural Department, but we are constrained to believe, after taking everything into consideration, that of the two men, Dr. Butler is the better man. We believe that he is possessed of more of those dynamic qualities that are requisite to successful leadership, although we have no reason to feel that Prof. Lloyd is unduly lacking in these qualities. We believe that Dr. Butler's scholarship is more thorough, that his experience as an executive has been more extensive, and that he has a wider outlook upon Agriculture, - an advantage due to his intimate connection with the Progressive Farmer during quite a long period of years.

Both of the gentlemen are attractive personally, although Prof. Lloyd is the better looking of the two, and perhaps a little more genial, although Bro Butler is not at all lacking in this respect.

We were brought to believe that if we could obtain the services of both men, - one as the Director of the Agricultural Department, and the other as the Superintendent of our Extension Division and Farmers' Institutes, we would be exceedingly fortunate. From corre-

Clemson College, S. C.,

Dec. 10, 1911.

Honorable Board of Trustees,

Columbia, S. C.

Gentlemen:-

The Committee appointed at your last meeting to confer with certain parties who appeared to be suitable candidates for the Directorship of the Agricultural Department, beg leave to submit the following <sup>[unanimous]</sup> report.

Your Committee made a visit to Starkville, Miss., and spent there a night and a day.

We had a lengthy conference with Dr. Tait Butler and Prof. E. R. Lloyd on the night we arrived, and spent most of the next day in visiting the Mississippi Agricultural College, and looking over Prof. Lloyd's work. During the day, we had further conferences with both of the gentlemen under consideration.

It is our opinion that either Dr. Butler or Prof. Lloyd would acceptably fill the position of Director of the Agricultural Department, but we are constrained to believe, after taking everything into consideration, that of the two men, Dr. Butler is the better man. We believe that he is possessed of more of those dynamic qualities that are requisite to successful leadership, although we have no reason to feel that Prof. Lloyd is unduly lacking in these qualities. We believe that Dr. Butler's scholarship is more thorough, that his experience as an executive has been more extensive, and that he has a wider outlook upon Agriculture, - an advantage due to his intimate connection with the Progressive Farmer during quite a long period of years.

Both of the gentlemen are attractive personally, although Prof. Lloyd is the better looking of the two, and perhaps a little more genial, although Bro Butler is not at all lacking in this respect.

We were brought to believe that if we could obtain the services of both men, - one as the Director of the Agricultural Department, and the other as the Superintendent of our Extension Division and Farmers' Institutes, we would be exceedingly fortunate. From corre-

spondence and letters, it is our opinion that it would be useless to offer Dr. Butler less than \$4,000 and a house, and Prof. Lloyd less than \$3,500 and a house, and we have no assurance that either of them could be had even at these figures. Prof. Lloyd gave us considerable encouragement, but Dr. Butler was unable to express an opinion, saying that it would be necessary for him to consult with the Directors of his paper, and visit the College and look thoroughly into our conditions and the opportunities here afforded, should the place be offered to him.

We did not get to visit Prof. Morgan or Dr. Kilgore, for the reason that we feel that Prof. Morgan is out of our reach, both in regard to salary and the possibility of his acceptance if elected. Dr. Kilgore we felt was sufficiently well known to make it unnecessary to pay him a visit, his scientific attainments and splendid work being a matter of common knowledge. We have some doubt as to his physical powers, on account of his having some years ago passed through a very severe illness. However, on this point, we are not prepared to make a positive statement, and it is Dr. Butler's opinion that Dr. Kilgore has entirely recovered and is now equal to almost any task that he is willing to attempt.

Respectfully submitted

[ Alan Johnstone ]

[ W. M. Riggs ]

Committee.

P.S. Dec. 13:

Since writing the above report, we regret to say that we have received a letter and telegram from Prof. Lloyd, saying that on account of change in his salary and status at the Mississippi A. & M. College, he will not be able to consider accepting a position with us. His letter is attached, to, and forms a part of, this report.

Starkville, Miss., Dec. 14, 1911.

Dr. W. M. Riggs, C/O Jerome Hotel, Columbia, S. C.,

Have decided that I very probably could not accept position.

(Signed) Tait Butler.



Starkville, Miss, Dec. 6, 1911.

TELEGRAM.

Prof. W. M. Riggs:

Do not consider me for either place. President has arranged salary and work satisfactorily here. Letter will follow.

Prospective Income. (Signed) E. R. Lloyd.

Morrill & Nelson Funds, (U.S.).....	25,000.00
Landscript Fund, (U.S.).....	3,512.36
Interest on Clemson Bequest.....	3,500.00
Estimated Interest on Deposits.....	2,500.00
Estimated Miscellaneous Receipts.....	10,733.64
Tag Tax (1910-1911 figures).....	835,000.00
TOTAL.....	8316,000.00

Prof. W. M. Riggs,

Clemson College, S. C.

Dear Prof. Riggs:-

On Pres. Hardy's return from Jackson he learned from some of my friends that I expected to go to Clemson if elected. I was asked to make no definite plans before he could get in touch with his Board over the 'phone. The result was the Board authorized him to arrange the salary and work satisfactory to retain me as Director of the Station. This the President has done and I have agreed to remain.

I hope you will not think that I used yours and Mr. Johnson's visit as a salary prize. The visit had its effect, of course, but I had about decided to accept your Extension work if elected. I made no demands or request for more salary, but do not feel that I could turn down the proposition just made me, so will remain here. Since meeting you and Mr. Johnson I feel a great interest in your College, and hope you will get a man who will be entirely satisfactory to yourself and to your Board.

I respectfully urge that the Trustees make the appropriations with my best wishes, and kind regards to Mr. Johnson, I am at this meeting not in excess of our prospective income, - thus leaving our reserve for the Tag Tax. If the tax exceeds our estimate, additional appropriations could be made at the March Meeting to cover the increase, or to use up the reserve, if it seemed wise at that time to do so.

(Signed) E. R. Lloyd.

Starkville, Miss., Dec. 14, 1911.

Dr. W. M. Riggs, C/O Jerome Hotel, Columbia, S. C.,

Have decided that I very probably could not accept position.

(Signed) Tait Butler.

SUMMARIZED FINANCIAL STATEMENT.

1911 - 1912.

Prospective Income.

Morrill & Nelson Funds, (U.S.).....	\$ 25,000.00
Landscript Fund, (U.S.).....	5,754.00
Interest on Clemson Bequest.....	3,512.36
Estimated Tuition.....	3,500.00
Estimated Interest on Deposits.....	2,500.00
Estimated Miscellaneous Receipts.....	10,733.64
Tag Tax (1910-1911 Figure).....	<u>265,000.00</u>
<u>TOTAL.....</u>	<u><u>\$316,000.00*</u></u>

BALANCE BROUGHT FORWARD, July 1st, 1911..... \$ 52,597.10

Appropriations to be Renewed.

Unspent balance on Dairy Bldg.....	\$ 3,260.00 ✓	
Additional room (Brackett).....	240.00 ✓	
Roof & reprs, res. (Conradi).....	164.00 ✓	
Segregation servant closets.....	150.00 ✓	
Fire doors and escapes.....	130.00 ✓	
Narrow fabric loom.....	<u>200.00 ✓</u>	<u>4,144.00</u> Ⓟ
<u>RESERVE.....</u>	<u>\$ 48,453.10*</u>	

\* I respectfully urge that the Trustees make the appropriations at this meeting not in excess of our prospective income, - thus leaving our reserve for the present untouched, and insuring us against possible shrinkage in the Tag Tax. If the tax exceeds our estimate, additional appropriations could be made at the March Meeting to cover the increase, or to use up the reserve, if it seemed wise at that time to do so.

P-A-R-T I.

"FIXED AND USUAL APPROPRIATIONS WHICH HAVE  
BEEN PROVIDED FOR BY THE BOARD  
IN THE PAST."

COLLEGE.

Salaries (1910-1911 scale).....	\$ 91,010.00
Necessary Run. Exp. & Equip.....	<u>63,671.87</u> .....\$ 154,681.87

PUBLIC WORK.

Salaries (1910-1911 scale).....	\$ 22,775.00
Necessary Run. Exp. & Equip.....	<u>66,245.00</u> .....89,020.00

TOTAL.....\$ 243,701.87\* ✓

\* Last July, that part of the Budget covering in general the above expenditures, amounted to \$247,995.65, and was passed by the Board without the change of a single item.

NOTE:

The other part of the Budget, P-A-R-T 2, arranged for the convenient consideration of the several standing Committees, contains a total of \$90,318.02., which should be reduced by \$18,000 if we are not to "live beyond our means" for this fiscal year.

"FIXED OR USUAL APPROPRIATIONS WHICH HAVE BEEN PROVIDED FOR BY THE BOARD IN THE PAST."

COLLEGE WORK.

1...Salaries, as per 1910 - 1911 schedule attached.....\$ 91,010.00

Miscellaneous Items.

2..Expenses of Trustees and Board Visitors...\$1,500.00
3..Ministers..... 2,500.00
4..Y.M.C.A. Secretary..... 500.00
5..Insurance..... 3,000.00
6..Two night watchmen..... 960.00
7..College catalogue....., ,..... 450.00
8..Lyceum lectures..... 400.00
9..Supplies for museum..... 45.00
10..Supplies for gymnasium..... 50.00
11., Watchmen supplies (kerosene, etc)..... 25.00
12..Repairs to Trustee carriages..... 25.00
13..Trustee medal..... 25.00
14..Dues to Assoc. Agri. Colleges..... 50.00
15..Commencement expenses..... 350.00
16..Pictorial bulletin..... 175.00
17..Sunday School literature..... 40.00
18..Upkeep telephone system..... 60.00
19..Changes in telephone lines..... 125.00
20..Annual report to Legislature..... 165.00.... 10,445.00

President's Office.

21..Stamps, stationery, etc..... 800.00
22..Contingent and incidental expense..... 1,000.00
23..Traveling fund..... 300.00
24..Emergency student labor..... 150.00.... 2,250.00

Treasurer's Office.

25..Record Books, stationery, postage, etc..... 425.00
26..Emergency assistance..... 300.00
27..Treasurer's bond..... 75.00
28..Treasurer's annual report..... 200.00.... 1,000.00

Printery.

29..Gasoline, oil, ink, etc..... 65.00
30..Labor..... 350.00
31..Mailing catalogue and bulletins..... 100.00
32..Repairs..... 30.00
33..Linotype metal..... 90.00
34..Type, matrices, etc. #..... 100.00
35..Completion of removal of printery..... 100.00.... 835.00

Heat, Light & Water.

36..Coal....., ..... 2,850.00
37..Labor.....:..... 1,890.00
38..Materials, repairs and extensions..... 1,400.00
39..Changing steam line to laundry..... 30.00
40..Rewinding motor armature..... 55.00
41..Changing fire line and hydrant..... 70.00
42..Light, sewer & water con's to new res's... 55.00.... 6,350.00

Library Division.

43..Books..... 900.00
44..Magazines..... 150.00
45..Binding..... 100.00
46..Cards, stationery, stacks, etc..... 150.00.... 1,300.00

PREPARATORY CLASS.

1..Historical chart.....	\$ 25.00	
2..Class illustratory apparatus.....	50.00.....	75.00

\* \* \* \* \*

ACADEMIC DEPARTMENT.

Office & Unclassified Division.

3..Labor - two janitors.....	480.00	
4..Chalk, erasers, brooms, stationery, etc.....	200.00.....	680.00

Mathematics Division.

5..Repairs to class room furniture.....	30.00	
6..Models for class illustration.....	35.00	
7..Three awnings.....	15.00.....	80.00

History Division.

8..Periodicals for class room.....	50.00	
9..Screens for windows.....	15.00.....	65.00

English Division.

10..Repairs to class room furniture.....	10.00	
11..Window shades for two rooms.....	10.00	
12..One set of wall maps.....	30.00	
13..Dictionary and filing cases.....	12.70	
14..Instructor's chair.....	5.00.....	67.70

Physics Division.

15..Laboratory supplies and repairs.....	50.00	
16..Repairs to class room and laboratory.....	25.00	
17..One standard laboratory clock.....	60.00	
18..Impact apparatus.....	35.00	
19..Small class instruments.....	56.00.....	226.00

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TEXTILE DEPARTMENT.

Office & Unclassified Division.

20..Janitor and Engineer.....	350.00	
21..Gasoline.....	35.00	
22..Card filing cabinet.....	12.00	
23..Office supplies.....	40.00	
24..Photographic supplies.....	20.00	
25..Extension of sprinkler system of Printery..	45.00	
26..Freight on donated machinery.....	200.00.....	702.00

Carding & Spinning Division.

27..Cotton - for class use.....	150.00	
28..Repairs and supplies.....	100.00	
29..Shafting and pulleys.....	75.00.....	325.00

Weaving Division.

30..Warp and filling yarns.....	200.00	
31..Loom supplies and repairs.....	125.00	
32..Samples for cloth analysis.....	25.00	
33..Shafting and pulleys.....	100.00.....	450.00

Dyeing Division.

34..Chemical and dye stuffs.....	100.00	
35..Glass ware and laboratory materials.....	100.00	
36..Lights in laboratory.....	15.00	
37..Misc. small laboratory apparatus.....	100.00.....	315.00

ENGINEERING DEPARTMENT.

Office & Unclassified Division.

1..Labor - janitor 10 months at \$23.00.....\$	230.00	
2..Office and janitor supplies.....	150.00	
3..Incidental repairs to Engr. Bldg.....	50.00	
4..Record books.....	12.00	
5..Additional locks and latches.....	25.00	
6..Filing case.....	20.00.....	487.00

Mechanical Engineering Division.

7..Laboratory supplies, as pipe, oil, chemicals	80.00	
8..Gasoline.....	30.00	
9..Data blanks.....	10.00	
10.,,Reprs & replacements of mach. & apparatus..	30.00	
11..Centrifugal pump.....	125.00	
12..Indicator.....	75.00	
13..Shades and awning for class room.....	10.00	
14..Pitot tube.....	20.00	
15..Table for lantern and reflectroscope.....	10.00	
16..Tank for Weir and nozzle tests.....	20.00.....	410.00

Electrical-Engineering Division.

17..Junior laboratory supplies.....	50.00	
18..Senior laboratory supplies.....	60.00	
19..Possible repairs to instruments.....	60.00	
20..Reprs & renewals to mach. & apparatus.....	45.00	
21..Class and lab'y notes to students.....	30.00	
22..Home made apparatus.....	40.00	
23..Material and labor for panel.....	100.00	
24..Carbon rheostats.....	22.00	
25..Vibrating Reed frequency meter.....	85.00	
26..Decade test set.....	112.00	
27..Partition in Junior Elec. Lab'y.....	75.00.....	679.00

Civil Engineering Division.

28..Paper, ink, stakes, etc.....	15.00	
29..Repairs to instruments.....	25.00	
30..Instrument room.....	75.00	
31..Descriptive Geometry co-ordinate board.....	10.00	
32..Large drawing board.....	15.00	
33.,,Instruments, scale and triangles.....	35.00	
34..Filing cabinet.....	25.00	
35..Universal drawing machine.....	50.00.....	250.00

Drawing Division.

36..Materials, as ink, paper, etc.....	50.00	
37..Repairs and renewal of apparatus.....	65.00	
38..Mechanical and freehand models.....	55.00	
39..Miscellaneous small instruments.....	30.00	
40..Window shades.....	22.00	
41..Sinks inclass rooms and offices.....	39.25	
42..Catalogue filing case.....	25.00	
43..Drawing table and stool.....	38.00.....	324.25

Forge & Foundry Division.

44..Labor, 8 months at \$40.....	320.00	
45..Iron and steel for Forge Shop.....	150.00	
46..Reprs & replacement of mach. & apparatus...	70.00	
47..Supplies.....	30.00	
48..Coal for Forge Shop.....	100.00	
49..Pig iron for Foundry.....	125.00	
50..Moulding sand.....	57.00	
51..Repairs to cupola.....	200.00	
52..Coke for Foundry.....	65.00	
53..One air hoist.....	75.00.....	1,192.00

Machine Shop Division.

1..Labor - Machinist - 8 months at \$50.....\$	400.00	
2..Reprs & replacement of tools and mach.....	100.00	
3..Shop materials.....	150.00.....	650.00

Wood Shop Division.

4..Labor - 9 months at \$35.....	315.00	
5..Supplies, as lumber, hardware, paint, etc.....	350.00	
6..Reprs & replacement of tools, Mach. & belting	150.00	
7..Completion of lumber shed and yard.....	400.00	
8..White pine.....	75.00	
9..Varnish room.....	35.00	
10..Sixteen iron vises.....	96.00	
11..Remodelling benches.....	50.00.....	1,471.00

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AGRICULTURAL DEPARTMENT.

Office & Unclassified Division.

12..Janitor's wages @ 20 per month.....	240.00	
13..Janitor's supplies, soap, brooms, chalk, etc...	60.00	
14..Gasoline.....	120.00	4,801.00
15..Traveling expenses of Director.....	100.00	
16..Photographic supplies - general.....	50.00	
17..Stationery, postage, etc. for Department....	300.00	
18..Upkeep of building.....	50.00	
19..Student labor.....	300.00	
20..Additional office furniture.....	62.50	
21..Files for bulletins.....	20.00	
22..Furnishings for stenographer's office.....	52.25.....	1,354.75

Agronomy Division.

23..Forty-four chairs for Agronomy room.....	132.00	
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Farm Machinery.

24..Cement, gasoline and oil.....	40.00	
25..Lumber, nails, jacks, etc.....	20.00	
26..Belting.....	15.00	
27..Reprs and new parts for machines.....	25.00	
28..Tools.....	50.00	
29..Farm levels and rods.....	50.00	
30..Double tree apparatus.....	25.00	3,300.00
31..Grade draft.....	65.00	
32..Cement test.....	25.00	
33..Vise.....	10.00	
34..Thread cutting outfit.....	20.00	
35..Speed indicator.....	3.00	
36..Shafting and pulley.....	75.00	

Farm Crops.

37..Material for class use.....	85.00	415.00
38..Student labor.....	35.00	
39..Two microscopes and 3 dozen lenses.....	20.00	
40..Lantern slides.....	40.00	
41..Outline maps of U. S. and S. C.....	5.00	
42..Plant breeding instruments.....	2.00	
43..Miniature grain measures for tester.....	25.00	
44..Balance and seed scales.....	50.00	
45..Furniture and shelving for crop lab'y.....	50.00	
46..Seed testing apparatus.....	200.00	
47..Specimens of U. S. farm crops.....	25.00.....	1,092.00

Animal Husbandry & Dairying Division.

1..Salt, coal, ice, oil, etc. for dairy.....	\$ 450.00	
2..Glass ware and chemicals.....	50.00	
3..Score cards and dairy blanks.....	30.00	
4..Janitor for dairy building.....	240.00	
5..Labor for Division, Dairy Barn, etc.....	1,500.00	
6..Half dozen milk pails.....	9.00	
7..Feed for cattle and hogs.....	2,000.00	
8..Scales and testers.....	119.00	
9..One 40 bottle steam Babcock tester.....	40.00	
10..Two hand churns.....	15.00	
11..Two 1-lb butter printers.....	3.00	
12..Two moisture testers.....	20.00	
13..Two cream vats.....	30.00	
14..One milk transfer.....	10.00	
15..One dozen milk cans.....	30.00	
16..One can truck.....	25.00	
17..One salt tester.....	5.00	
18..Freight on loaned machinery.....	25.00	
19..Window shades and awnings.....	50.00	
20..Office furniture.....	75.00	
21..One 1-horse mower.....	45.00	
22..One horse rake.....	15.00	
23..One saddle.....	15.00.....	4,801.00

Horticultural Division.

24..Labor.....	1,250.00	
25..Fertilizer.....	150.00	
26..Seeds and plants.....	75.00	
27..Green-house supplies.....	75.00	
28..Coal.....	50.00	
29..Packing material.....	30.00	
30..Freight on loaned or donated machinery.....	25.00	
31..Materials for class use.....	50.00	
32..Lumber, etc. for hot beds and cold frames...	50.00	
33..Black-smithing.....	15.00	
34..One double harness.....	35.00	
35..One horse and one hand mowing machine.....	60.00	
36..Laboratory equipment.....	75.00	
37..Tables and shelves for laboratory.....	25.00	
38..Spray apparatus and appliances.....	50.00	
39..Furniture for office in Agrl. Building.....	25.00	
40..Tools and implements.....	50.00	
41..Repairs to green-house.....	100.00.....	2,190.00

Botany & Forestry Division.

42..Chemicals for class work.....	50.00	
43..Plant material and sections.....	25.00	
44..Lantern and microscope slides.....	25.00	
45..Botanical publications.....	25.00	
46..Glass ware and lab'y supplies for Botanical and Bacteriological laboratories.....	250.00	
47..Soap-stone sink installed.....	40.00.....	415.00

Entomology & Bacteriology Division.

48..Perishable class mat's, worms, snakes, etc.	75.00	
49..Chemicals and class materials.....	75.00	
50..Insecticides for class use.....	50.00	
51..Insect cages.....	60.00	
52..Eighteen dissecting lenses.....	18.00	
53..Six laboratory tables.....	60.00	
54..Forty laboratory chairs.....	80.00	
55..Rotary microtome for cutting sections.....	58.50.....	476.50



Geology & Mineralogy Division.

1..Chemical and lab'y supplies and repairs.....\$	80.00	
2..Labor.....	10.00	
3..Filing and book cases.....	30.00.....	120.00

Veterinary Science Division.

4..Feed for animals at Veterinary Hospital.....	150.00	
5..Drugs and hospital supplies.....	100.00	
6..Labor - janitor.....	240.00	
7..Veterinary Journals.....	10.00	
8..Coal.....	32.00	
9..Gasoline for gas machine.....	30.00	
10..Laboratory supplies for class work.....	50.00	
11..Stoves and pipe for Veterinary Hospital.....	40.00	
12..Repairs & replacement of apparatus.....	40.00	
13..Installation of gas and water supply.....	35.00.....	727.00

FARM

14..Fertilizers.....	2,000.00	
15..Freight on donated machinery.....	25.00	
16..Extra feed for mares and colts.....	50.00	5,070.43
17..Labor - feeder at barn.....	360.00	
18..Free labor - four hands at \$25.....	1,200.00	
19..Black-smithing and repairing.....	150.00	
20..Paint, grease, oil, etc.....	35.00	
21..Lumber for bridges and repairs.....	50.00	
22..Nails, staples, etc.....	25.00	
23..Incidentals.....	100.00	
24..Repairs & parts for machines & implements...	200.00	
25..One hay rake.....	20.00	
26..Four wagon hay frames.....	40.00	
27..Harrows, cultivators, ploughs, weeders, etc	250.00	
28..Small implements, shovels, hoes, etc.....	50.00	
29..Four drag scrapers.....	30.00	
30..Harnesses and repairs.....	50.00	820.00
31..Four fertilizer distributors.....	50.00	
32..One pair of platform scales.....	25.00	
33..One corn sheller.....	25.00	
34..One grain fan.....	25.00	
35..One corn grader.....	20.00	
36..Grass seed.....	100.00.....	4,880.00

CONVICTS.

37..Supt. Convicts and work <sup>on</sup> campus & roads.....	1,200.00*	
38..Four guards.....	1,530.00	
39..Board, clothing, transportation and hire...	4,514.00.....	7,274.00**

\*\* (If convicts are to be continued at Summer-ville, add \$1,019 to this amount.)

CHEMICAL DEPARTMENT - COLLEGE WORK.

40..Charcoal.....	20.00	20.
41..Apparatus.....	800.00	700.
42..Chemicals.....	400.00	300. 378.00
43..Gasoline.....	200.00	200
44..Books and journals.....	80.00	80
45..Binding books and journals.....	30.00	30 184.00 1.87
46..Replacing old sinks.....	20.00	20
47..Repairs to hoods, flumes and furnaces.....	50.00	50
48..Incidentals.....	100.00	100.
49..Labor - janitor.....	120.00	120
50..Delegate of Assoc. Agr. Chem.....	50.00.....	1,870.00

S-T-A-T-E W-O-R-K .

- 1..Salaries, as per 1910-1911 schedule attached.....\$ 22,775.00
- 2..Scholarships and advertisements..... 17,500.00

FERTILIZER INSPECTION.

- 3..Labor - janitor.....\$ 240.00
- 4..Tags and printing..... 3,500.00
- 5..Pay, travel and incidentals..... 16,000.00  
(14 Inspectors & Chief Inspector)
- 6..Printing and mailing weekly bulletins..... 1,950.00
- 7..Freight, postage and incidentals..... 1,500.00
- 8..Legal services..... 1,000.00
- 9..Condensed fertilizer bulletin..... 650.00
- 10..Inspectors' cases, trunks, etc..... 200.00
- 11..Repairs to elevator, awnings, etc..... 100.00..... 25,140.00

Chemical Analysis.

- 12..Apparatus..... 800.00
- 13..Chemicals..... 700.00
- 14..Gasoline..... 480.00
- 15..Record books, postage, stationery, etc..... 150.00
- 16..Charcoal..... 20.00
- 17..Replacing old sinks..... 20.00
- 18..Incidentals..... 50.00
- 19..Labor - janitor..... 120.00
- 20..Extra help in laboratory and office..... 400.00
- 21..Additional supplies..... 600.00..... 3,340.00

Extension Division - Agrl. Dep't.

- 22..Traveling expenses, Director & one Asst..... 2,000.00
- 23..Farmers' Institutes..... 2,000.00
- 24..Correspondence Course & Press Bulletins..... 600.00
- 25..Postage and stationery..... 100.00
- 26..Student Assistant..... 300.00..... 5,000.00

TOTAL PUBLIC STATE WORK.....

Tick Eradication - Agrl. Dep't.

1..Pay of inspectors (same as 10-11).....	\$ 5,850.00	
2..Expenses of inspectors (same as 10-11).....	2,215.00	
3..Printing and office expenses.....	<u>150.00</u> .....	8,215.00

Veterinary Inspection - Agrl. Dep't.

4..Travel, printing and office expenses.....	1,225.00	
5..Legal expenses.....	100.00	
6..Hog cholera serum work.....	<u>500.00</u> .....	1,825.00

Entomological Inspection - Agrl. Dep't.

7..Printing and office supplies.....	100.00	
8..Travel and field supplies.....	<u>400.00</u> .....	500.00

Agricultural Division - Exp't Station.

9..Co-operative work on farms.....	<u>1,000.00</u> .....	1,000.00
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Botany Division - Exp't Station.

10..Traveling expenses, Botanist & Asst.....	400.00	
11..Student labor.....	150.00	
12..Printing, postage, stationery, etc.....	125.00	
13..Fungicides, spraying equipment, etc.....	<u>200.00</u> .....	875.00

Entomological Division - Exp't Station.

14..Travel and field supplies.....	250.00	
15..Insecticides.....	<u>50.00</u> .....	300.00

Coast Station - Experiment Station.

16..Fertilizers, etc.(Foundation fund).....	<u>1,000.00</u> .....	1,000.00
(If Station is allowed to use its income from sales)		

Miscellaneous.

17..State Fair Exhibit.....	700.00	
18..State Fair Encampment.....	300.00	
19..Popular Bulletins (3).....	500.00	
20..Textile Extension Work.....	<u>50.00</u> .....	1,550.00

TOTAL PUBLIC STATE WORK.....\$ 89,020.00



S-A-L-A-R-I-E-S- COLLEGE PUBLIC WORK -S-C-A-L-E 1910-1911. EXP. STATION

		Rate	College	Public Work	Expt. Station
1.	President..... (Riggs).....	\$3,500	\$3,500		
<u>Directors.</u>					
2.	Agricultural Dep't..... (Perkins)...	2,500	2,500		
3.	Engineering Dep't..... (Earle)??...	2,500	2,500		
4.	Chemical Department..... (Brackett)?.	2,500	1,250	1,250	
5.	Textile Department..... (Doggett)...	2,500	2,500		
6.	Experiment Station..... (Harper).....	2,500			2,500
7.	Military Department..... (Stokes)....	1,000	1,000		
<u>Heads of Divisions.</u>					
8.	Prof. of English..... (Furman).....	1,900	1,900		
9.	Prof. of History..... (Morrison)...	1,900	1,900		
10.	Prof. of Mathematics..... (Martin)....	1,900	1,900		
11.	Prof. of Geology..... (Calhoun)....	1,900	1,900		
12.	Prof. of Civil Engr..... (Houston)...	1,900	1,900		
13.	Assc. Prof. Vet. Sci. etc.. (Powers)....	1,900	950	950	
14.	Assc. Prof. Ent. & S.C. Ent (Conradi)...	1,900	1,900		1,000
15.	Assc. Prof. Ani. H & D, etc (Smith, A)...	2,000	1,000		1,000
16.	Assc. Prof. Botany..... ( ? ? ).....	1,700	1,700		
17.	Assc. Prof. Horticulture. ( ? ? ).....	1,700	1,700		
18.	Assc. Prof. Physics..... (Poats).....	1,700	1,700		
19.	Assc. Prof. Drawing..... (Lee).....	1,700	1,700		
20.	Assc. Prof. Elec. Engr..... (Dargan)??..	1,700	1,700		
21.	Botanist, Expt. Sta..... (Barre).....	1,900			1,900
22.	Horticulturist, Exp. Sta (Newman)....	1,900			1,900
23.	Chemist, Expt. Sta..... (Keitt).....	1,900			1,900
24.	Veterinarian, Exp. Sta. ( ? ? ).....	1,900			1,900
25.	Asst. Prof. Mach. Shop.... (Howard)....	1,500	1,500		
26.	Asst. Prof. Wood Shop.... (Gardner)...	1,500	1,500		
27.	Asst. Prof. Forge & Fdry. (Gantt)....	1,500	1,500		
28.	Asst. Prof. Weav. & Des... (McSwain)...	1,500	1,500		
29.	Asst. Prof. Card. & Spin.. (Taylor)....	1,500	1,500		
<u>Assc. &amp; Asst. Professors.</u> (Not Heads of Divisions)					
30.	Assc. Prof. English..... (Daniel)....	1,700	1,700		
31.	Assc. Prof. Math..... (Shanklin)...	1,700	1,700		
32.	Assc. Prof. Chemistry.... (Henry)??...	1,700	850	850	
33.	Assc. Prof. Ani. H & D.... (Nourse)....	1,700	1,700		
34.	Asst. Prof. Chemistry.... (Lipscomb)..	1,500	750	750	
35.	Asst. Prof. Chemistry.... (Smith, H. J). 1,500	1,500	750	750	
36.	Asst. Prof. English..... (Bradley)...	1,500	1,500		
37.	Asst. Prof. English..... (Bryan).....	1,500	1,500		
38.	Asst. Prof. English..... (Keitt).....	1,500	1,500		
39.	Asst. Prof. English..... (Sease).....	1,500	1,500		
40.	Asst. Prof. Mathematics.. (Bramlett)..	1,500	1,500		
41.	Asst. Prof. Mathematics.. (Hunter)....	1,500	1,500		
42.	Asst. Prof. Mathematics.. (Johnstone). 1,500	1,500	1,500		
43.	Asst. Prof. History..... (Holmes)....	1,500	1,500		
44.	Asst. Prof. Ani. H & D.... (Burgess)...	1,500	1,500		
45.	Asst. Prof. Agri..... (Napier)....	1,500	1,500		
46.	Asst. Prof. Ent..... (Gee).....	1,500	750	750	
47.	Asst. Prof. Drawing..... (Klugh)....	1,500	1,500		

	<u>Rate</u>	<u>College</u>	<u>Public Work</u>	<u>Expt Station</u>
<u>Instructors &amp; Assistants.</u>				
1	Inst. in Prep.....(Wells))	\$1,000	\$1,000	
2	Inst. in Civil Engr....(Sweeney)	1,200	1,200	
3	Inst. in Wood Shop....(Folk)	900	900	
4	Inst. in Forge & Fdry..(Allison)	800	800	
5	Inst. in Drawing.....(Harris)	800	800	
6	Inst. in Drawing.....(Birch)	900	900	
7	Inst. in Mech.&Elec.Eng(??)	1,200	1,200	
8	Inst. in Bacteriology..(Massey)	900	900	
9	Asst. in Entomology....(??)	900	900	
0	Asst. in Chemistry.....(Freeman)	1,200	600	600

<u>Misc. Elected Officers.</u>				
11	Prof. Emeritus Chemis... (Hardin)	1,000	1,000	
12	Sec'y & Treasurer..... (PHES)	1,800	1,600	200
13	Book-keeper..... (Evans)	1,500	1,500	
14	Asst. Book-keeper..... (Carroll)	1,100	1,100	
15	Asst. to President..... (Lit'john)	1,500	1,500	
16	Librarian..... (Trescot)	700	700	
17	Assistant Librarian... (Porcher)	600	600	
18	Sec. Exp. Sta. & P. Mag... (Hook)	1,500	50	1,450
19	Supt. Ext. Work & F. Inst. (Barrow)	2,000		2,000
20	Asst. in Ani. Husb..... (???)	1,500		1,500
21	Asst. in Corn Club Work. (Haddon)	1,500		1,500
22	Sec'y Fert. Dep't..... (Stackhouse)	1,500		1,500
23	Chemist, Fert. Anal.... (Robertson)	1,700		1,700
24	Asst. Chem. Fert. Anal.. (Mitchell)	1,200		1,200
25	Asst, Chem. Fert. Anal.. (Cornell)	1,000		1,000
26	Asst. Chem. Fert. Anal.. (Rice)	1,000		1,000
27	Asst, State Vet..... (Feeley)	1,500		1,500
28	Supt. Coast Expt. Sta.... (Garrison)	1,700		1,700
29	Exp. Field Ent..... (Thomas)	800		800
30	Exp. Field Path..... (Byars)	800		800
31	Bar. Property & M..... (Hineker)	800	800	

<u>Miscellaneous (Not elected)</u>				
32	Sten - Pres. Office.....	650	650	
33	Sten - Expt. Station.....	650		650
34	Sten - Agri. Department.....	650	650	
35	Sten - Fert. Department.....	600	600	
36	Sten - Engr. Department.....	600	600	
37	Clerk - Com'dt's Office.....	800	800	
38	Foreman, College Farm.....	1,500	1,500	
39	Foreman, Exp. Station Farm.....	1,000		1,000
40	Plumber.....	900	900	
41	Teamster.....	720	720	
42	Supt. Cons. & Repr. Div.....	840	840	
		<u>Total</u>	<u>College</u>	<u>State Work</u>
	<u>TOTALS.....</u>	<u>\$ 129,110</u>	<u>\$ 91,010</u>	<u>\$ 22,700</u>
				<u>\$ 15,400</u>

P-A-R-T 2.

"NEW OR PROPOSED APPROPRIATIONS."

COLLEGE.....	§ 78,252.02
PUBLIC WORK.....	12,066.00
	<u>§ 90,318.02</u>
Available without going beyond prospective income, 1911-1912.....	72,298.13
<u>NECESSARY CUT.....</u>	<u>§ 18,019.89</u>
Items marked "postpone" and "disapproved".....	<u>§ 19,864.45</u>

FOR CONSIDERATION OF  
STANDING COMMITTEES.

- Executive Committee.....See p. 10.
- Finance Committee.....See ps. 11 & 14.
- Agricultural Committee.....See ps. 12,13 & 14.
- Fertilizer Committee.....See ps. 13 & 14.
- Veterinary Committee.....See p. 14.

(For Consideration by Executive Committee)

CONSTRUCTION & REPAIR DIVISION.

New Buildings.

		<u>Pres. Rec.</u>	<u>Com. Rec.</u>
.Completion of 3 cottages(now building)....\$	700.00	Necessary....	✓
.Completion of 2/3 dairy barn.....	2,066.75	Necessary....	✓
.Additional story, Bar.#1.....	20,385.00	Necessary....	✓
.Piazzas, etc., Bar.#2.....	7,417.00	Necessary....	✓
.Two additional cottages.....	3,680.00	V.Desirable..	✓
.Two servant houses.....	600.00	V.Desirable..	✓
.Six wells.....	600.00	Necessary....	✓-

Additions to College Buildings.

.Partition, etc., Y.M.C.A.Hall.....	140.00	Necessary....	✓
.Adapting class rooms for use of Library....	251.21	Necessary....	✓
.Misc. work of completing Engr.Bldg.....	249.82	Necessary....	✓
.Storage room for Library in attic.....	49.60	Necessary....	✓
.Additional room, etc. to Vet. Hosp.....	314.33	Necessary....	✓
.Additional room at Stockade.....	300.00	Necessary....	✓
.Door and partition, Textile Building.....	33.00	Necessary....	✓
.Changing Dairy & remodelling into res....	900.00	Necessary....	✓
.Roof over gangways, Bar.#1 and #2.....	116.00	Postpone....	

Additions to Residences.

.New room to residence (Shanklin).....	326.00	V.Dersirable.	✓
.New room to residence (Bryan).....	326.41	Desirable....	✓
.Stable for cow (Klugh).....	30.00	Desirable. Post.	
.Extension of porch (Lee).....	170.00	Desirable. Post.	
.Ceiling servant house (Lee).....	22.50	Desirable....	✓
.Weights, pulley, etc.3 windows (Lee).....	2.40	Desirable....	✓
.Adapt cellar for kitchen (Gillison).....	56.00	Postpone....	
.Sec.story bath room and window (Riggs)...	80.61	Necessary....	✓
.Added room to servant house (Riggs).....	125.00	V.Desirable..	✓
.Ceiling for two rooms (Shelton).....	14.00	Necessary....	✓
.Porch to house (Shelton).....	50.00	Necessary....	✓
.Connecting door (Bradley).....	23.00	Desirable....	✓
.Pantry between D.room and kitch (Harper).	28.09	Desirable....	✓
.Raise left half of porch (Lewis).....	15.00	Desirable....	✓
.Close up under house (Barrow).....	52.00	Necessary....	✓
.Bannisters on porch (Gordon).....	8.00	Disapproved..	
.Wall across house front (Calhoun).....	35.00	Postpone....	
.New back hall (Dargan).....	97.75	Desirable....	✓
.Changes in partition (Dargan).....	26.00	Desirable....	✓
.Pulley, etc. for 8 windows (Schiletter)..	12.40	Postpone....	
.Ceil servant house (Hook).....	54.00	Desirable....	✓
.Window in bath room (Hineker).....	3.00	Desirable....	✓
.Blinds for house (Malkie).....	31.50	Postpone....	
.Ceil servant house (Brackett).....	54.00	Desirable....	✓
.Paper 3 rooms and cut 2 open'gs(Brackett)	75.00	Desirable....	✓
.Additions to 2-room house (Goodman, H.C).	303.70	Disapproved..	
.Ceil servant house (Martin).....	46.00	Desirable....	✓
.Toilet and bath annex (Hotel).....	803.00	Necessary....	✓
.Increase in salary of Supt. C. & R.....	60.00	V.Desirable..	✓

CADET BARRACKS.

.Add'l furniture for 50 added rooms.....	1,118.50	Necessary....	✓
.Heating of new story.....	674.00	Necessary....	✓
.Plumbing of new story.....	990.00	Necessary....	✓
.Lighting of new story.....	155.00	Necessary....	✓
.Add'l mess-hall equip.for 100 students... (Stools, knives, forks, etc., etc)	275.00	Necessary....	✓
.Two double deck dish trucks.....	140.00	Necessary....	✓
.One meat chopper.....	35.00	Necessary....	✓

MILITARY DEPARTMENT.

.Military Assistant to Commandant.....	1,000.00	Necessary....	✓
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OK



(For Consideration by Finance Committee.)

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			<u>Pres.Rec.</u>	<u>Com.Rec.</u>
<b>ENGINEERING DEPARTMENT.</b>				
Voltmeter & meter.....	(Mech. Engr. Div)...	\$ 60.00	Desirable....	<input checked="" type="checkbox"/>
Superheater.....	( " " )...	425.00	Desirable....	<input checked="" type="checkbox"/>
Suction gas producer.....	( " " )...	325.00	Postpone....	<input type="checkbox"/>
Steam meter.....	( " " )...	129.00	Desirable....	<input checked="" type="checkbox"/>
Gas calorimeter.....	( " " )...	200.00	Postpone....	<input type="checkbox"/>
Portable wattmeter.....	(Elec. Engr. Div)...	60.00	Desirable....	<input checked="" type="checkbox"/>
Current & pot. trans.....	( " " )...	70.00	Desirable....	<input checked="" type="checkbox"/>
Motor and controller.....	( " " )...	300.00	Postpone....	<input type="checkbox"/>
D.C. Cooper-Hewitt arc lamp	( " " )...	37.00	V. Desirable..	<input checked="" type="checkbox"/>
Galvanometer.....	( " " )...	45.00	Postpone....	<input type="checkbox"/>
Power factor meter.....	( " " )...	60.00	Postpone....	<input type="checkbox"/>
A.C. Voltmeter & ammeter.	( " " )...	50.00	Postpone....	<input type="checkbox"/>
Synchroscope.....	(..... " " )...	55.00	Postpone....	<input type="checkbox"/>
Frames for reference tables.....	(Drawing Div. )...	25.00	Desirable....	<input checked="" type="checkbox"/>
Frames for display draw.	( " " )...	10.00	Desirable....	<input checked="" type="checkbox"/>
Artists' prints.....	( " " )...	10.00	Desirable....	<input checked="" type="checkbox"/>
Increase in salary, Asst. Prof. Draw. (Lee)	(\$1700-\$1900) " " )...	200.00	V. Desirable..	<input checked="" type="checkbox"/>
Increase in salary, Inst. Harris	(\$800-\$900)..... ( " " )...	100.00	V. Desirable..	<input checked="" type="checkbox"/>
Air blast.....	(F. and F. Div) )...	135.00	Postpone....	<input type="checkbox"/>
Elevator for hoisting coke & iron to charg. floor...	( " " )...	325.00	Postpone....	<input type="checkbox"/>
Increase in salary, Inst. Allison,	\$800-\$900..... ( " " )...	100.00	V. Desirable..	<input checked="" type="checkbox"/>
Air comp. and hammer.....	(Mach. Shop Div)...	400.00	Postpone....	<input type="checkbox"/>
Turret lathe.....	( " " )...	650.00	Postpone....	<input type="checkbox"/>
Clamps for glueing.....	(Wood Shop Div)...	50.00	Postpone....	<input type="checkbox"/>
Fay & Eagen planer and matcher.....	( " " )...	670.00	Postpone....	<input type="checkbox"/>
Dry kiln.....	( " " )...	400.00	Necessary....	<input checked="" type="checkbox"/>
<b>MISCELLANEOUS.</b>				
Specimens for Museum.....		100.00	V. Desirable....	<input checked="" type="checkbox"/>
Cases for museum.....		50.00	Desirable....	<input checked="" type="checkbox"/>
Additional telephone and lines.....		50.00	Desirable....	<input checked="" type="checkbox"/>
Fifteen add'l faculty chairs.....		52.50	Necessary....	<input checked="" type="checkbox"/>
Annual report, 1909 (Dr. Mell's administration)		77.00	Necessary....	<input checked="" type="checkbox"/>
Awnings for Treasurer's office.....		30.00	Necessary....	<input checked="" type="checkbox"/>
Typewriter for President's office.....		65.00	Necessary....	<input checked="" type="checkbox"/>
1/2 - Audit of Treasurer's Books - (Fin. Com)		250.00	Desirable....	<input checked="" type="checkbox"/>
<b>ACADEMIC DEPARTMENT.</b>				
96 add'l class seats.....	(English Div. )...	175.00	Necessary....	<input checked="" type="checkbox"/>
Class reference books...	( " " )...	22.00	Desirable....	<input checked="" type="checkbox"/>
Rotary converter.....	(Physics Div. )...	50.00	Postpone....	<input type="checkbox"/>
Transformer.....	( " " )...	8.00	Postpone....	<input type="checkbox"/>
Magneto.....	( " " )...	6.00	Postpone....	<input type="checkbox"/>
Student Lab'y Asst, 9 mos @ \$40.00.....	( " " )...	360.00	Necessary....	<input checked="" type="checkbox"/>
Platforms & Teach. Desks. (Prep. Class.)		25.00	Desirable....	<input checked="" type="checkbox"/>
Increase App. for books..	(Library Div. )...	300.00	Desirable....	<input checked="" type="checkbox"/>
Increase App. for maga's.	( " " )...	50.00	Desirable....	<input checked="" type="checkbox"/>
Increase App. for binding	( " " )...	50.00	Necessary....	<input checked="" type="checkbox"/>
Inc. App. - cards, Sta., etc.	( " " )...	50.00	Desirable....	<input checked="" type="checkbox"/>
Catalog of Library. (By Rec. of Fin. Com.)		200.00	Desirable....	<input checked="" type="checkbox"/>
Increase in salary of Asst. Lib. \$600-\$625..		25.00	Desirable....	<input checked="" type="checkbox"/>
Increase in salary of Lib. (asked).....		??????	Disapproved..	<input type="checkbox"/>
Increase in salary Asst. Prof. Physics (Poats) \$1700-\$1900 (Phys. Division)		200.00	V. Desirable..	<input checked="" type="checkbox"/>
<b>TEXTILE DEPARTMENT.</b>				
Freight on donated machinery.....		200.00	Desirable....	<input checked="" type="checkbox"/>
Slasher.....		1,000.00	Postpone....	<input type="checkbox"/>
Narrow fabric loom.....		350.00	V. Desirable..	<input checked="" type="checkbox"/>
Typewriter for Department.....		65.00	Postpone....	<input type="checkbox"/>
Inc. in salary Asst. Prof. Card. & Spin. (Taylor)		200.00	Postpone....	<input type="checkbox"/>
Inc. in sal. Asst. Prof. Weav. & Des. (McSwain)..		200.00	Postpone....	<input type="checkbox"/>

(For Consideration by Agricultural Committee)

AGRICULTURAL DEPARTMENT.

Dairy Building.

		Pres. Rec.	Com. Rec.
1. Additional to install refrigerator system (\$2270 - \$1384).....	\$ 886.00	Postpone.....	_____

Dairy Barn.

2. Lighting and power.....	242.00	Necessary....	✓
3. Plumbing and water line.....	975.00	Necessary....	✓
4. Heater.....	50.00	Necessary....	✓
5. Sixty iron stancions.....	600.00	Necessary....	✓
6. Four iron bull pens and hay racks.....	192.00	Necessary....	✓
7. Four iron calf pens.....	150.00	Necessary....	✓
8. One feed and litter carrier.....	133.00	Necessary....	✓
9. Freight and installation.....	280.00	Necessary....	✓
0. Four ton scales.....	85.00	Necessary....	✓
1. Two concrete silos.....	1,300.00	Necessary....	✓
	4,007.00		
2. Add'l wing to barn (\$4,593 - H.C.M.).....	5,000.00	Desirable....	✓
3. Moving implement shed and remodelling Expt. Station barn for Farm.Mach.Div.....	1,500.00	V.Desirable..	✓
4. One hog house at new barn.....	1,500.00	Postpone.....	@
5. 250-light gas mach.for Agr.Hall & Dairy B	1,100.00	Necessary....	✓

Agronomy Division.

Farm Machinery.

6. Machinery and-freight.....	200.00	Necessary....	-✓
7. Furniture & shelving for crop Lab'y.....	50.00	Desirable....	✓
8. Balance and seed scales.....	50.00	Desirable....	✓
9. Seed and testing apparatus.....	200.00	Desirable....	✓
0. Equipment for Soil Physics Lab'y.....	750.00	Necessary....	✓
1. Asst. in Agronomy & Farm Machinery.....	1,200.00	Necessary....	✓

Animal Husbandry & Dairying Division.

2. One simplex combined churn.....	100.00	Necessary....	✓
3. White suits for milkers.....	15.00	Desirable....	✓
4. One pasteurizer and cooler.....	100.00	Necessary....	✓
5. Tables, shelving, etc. for milk testing room	100.00	Necessary....	✓
6. Seats for class rooms, Dairy Building....	360.00	Necessary....	✓
7. Teachers' desks.....	50.00	Necessary....	✓
8. Equipment for milk bottling room.....	150.00	Necessary....	✓
9. Milking machine, motor piping, etc.....	500.00	Desirable....	✓
0. Pens and fences at new barn.....	300.00	Necessary....	✓
1. Aberdeen Angus heifer and bull -paid \$200	350.00	Desirable....	✓
2. Two Hereford heifers (bought).....	300.00	Necessary....	✓
3. One short horn heifer.....	200.00	Desirable....	✓
4. Holstein cows.....	1,500.00	Desirable....	✓
5. One Holstein cow bought for train.....	350.00	Necessary....	✓
6. Pigs - Berkshire, etc.,.....	400.00	Desirable....	✓
7. Two hog dipping vats.....	40.00	Necessary....	✓
8. One Devon cow.....	200.00	Postpone.....	
9. One Ayreshire cow.....	200.00	Postpone.....	
0. Guernsey cows.....	250.00	Postpone.....	

Horticultural Division.

1. Potting shed and laboratory room at Green-house.....	300.00	Desirable....	✓
2. Fruit trees and plants.....	50.00	Postpone.....	
3. Equipment and material for extenwion work with schools.....	200.00	<del>Desirable</del> Postpone.....	✓
4. Increase of salary, Associate Professor, \$1700 - \$1900.....	200.00	V.Desirable..	✓

Pres.Rec.      Com.Rec.

Botany & Forestry Division.

Sterilizing apparatus.....	\$ 150.00	Desirable....	<u>✓</u>
Botanical Encycloepoedia.....	100.00	Postpone.....	<u>        </u>
Changing old cases into lockers.....	25.00	Necessary....	<u>✓</u>
Increase in salary of Assoc.Proc. (\$1700-\$1900).....	200.00	V.Desirable..	<u>✓</u>

Entomology & Bacteriology Division.

Four microscopes for classuse.....	118.70	Necessary....	<u>✓</u>
Breeding cages.....	100.00	Desirable....	<u>✓</u>
Microscope for instructor's use.....	149.25	Postpone.....	<u>        </u>
One locker.....	40.00	Desirable....	<u>✓</u>

Geology & Mineralogy Division.

Apparatus for clay and cement test.....	100.00	Desirable....	<u>✓</u>
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ARM DIVISION.

One hay press.....	225.00	Postpone.....	<u>        </u>
One fertilizer mixer.....	125.00	Necessary....	<u>✓</u>
20 student laborers, half time, add'l.....	1,680.00	V.Desirable..	<u>✓</u>

MPUS & ROADS.

Cement side walks.....	2,000.00	V.Desirable..	<u>✓</u>
Completing culvert.....	50.00	Necessary....	<u>✓</u>
<del>Macadam road to Calhoun, (U.S. Est.).....</del>	<del>5,000.00</del>	<del>Postpone....</del>	<del>        </del>
<del>Road to Cherrys, (U.S. Est.).....</del>	<del>5,000.00</del>	<del>Postpone....</del>	<del>        </del>
<i>Road from Calhoun to Cherrys</i> .....	<i>4,000.00</i>	<i>Desirable..</i>	<i>✓</i>

(For Consideration by Fertilizer Committee.)

CHEMICAL DEPARTMENT.

Pres.Rec.      Com.Rec.

Stock room for apparatus and chemicals, in basement of lab'y #1.....	225.00	V.Desirable..	<u>✓</u>
Increase in storage room, basement Bar.#1..	125.00	Desirable....	<u>✓</u>
Changing Department Library.....	40.00	Postpone.....	<u>        </u>
Furniture for Department Library.....	25.00	Postpone.....	<u>        </u>
Changing gas machine for water power.....	200.00	Desirable....	<u>✓</u>
Air line to Junior Laboratory.....	10.00	Necessary....	<u>✓</u>

TOTAL PROPOSED INCREASES - STATE WORK..... \$ 12,066.00

S-T-A-T-E W-O-R-K .

(For Consideration by Various Committees.)

		<u>Pres. Rec.</u>	<u>Com. Rec.</u>
<u>Extension Division. (Agr'l Committee)</u>			
..Extension train (summer 10-11).....	\$ 1,500.00	Necessary....	<u>✓</u>
..Extension train (winter 11-12).....	1,500.00	Desirable...	<u>✓</u>
..Printing popular leaflets for schools, etc.	500.00	Desirable...	<u>✓</u>
..Asst. in Horticulture (Hort. Div).....	1,200.00	Desirable...	<u>✓</u>
..Traveling expenses.....	600.00	Desirable...	<u>✓</u>
..Traveling exp. for Asst. in Ent.....	400.00	Desirable...	<u>✓</u>
..District Asst. (Ext. Div).....	1,500.00	Postpone....	<u>--</u>
..Traveling expenses.....	600.00	Postpone....	<u>---</u>
..Stenographer (Ext. Div. & Bot. Div).....	600.00	Necessary...	<u>✓</u>
<u>Agricultural Division., Exp. Sta. (Agr'l Com.)</u>			
..Inc. in app. for work on farms, \$1000-\$1300.	300.00	Postpone....	<u>---</u>
<u>Entomological Div., Exp. Sta. (Agr'l Com.)</u>			
..Inc. in salary of Field Entomologist, W. A. Thomas, \$800 - \$1000.....	200.00	Desirable...	<u>✓</u>
<u>Coast Station (Agr'l Committee)</u>			
..Increase in salary Supt. Garrison, \$1700 - \$2000.....	300.00	Disapproved.	<u>---</u>
<u>Vet. Insp. &amp; Tick Erad. (Veterinary Com.)</u>			
..Second Asst. State Veterinarian.....	1,200.00	Necessary...	<u>✓</u>
..Traveling expenses.....	750.00	Necessary...	<u>✓</u>
..Long distance 'phone in Vet. Hosp.....	36.00	Necessary...	<u>✓</u>
..(Additional) Hog Cholera Serum work	1000.00	necessary...	<u>✓</u>
..Rice services.....	195.00	Necessary...	<u>✓</u>
<u>Fertilizer Inspection. (Fertilizer Com.)</u>			
..Office furniture.....	50.00	Desirable....	<u>✓</u>
..Inc. in salary of Sec'y, \$1500-\$1700.....	200.00	V. Desirable.	<u>✓</u>
<u>Fertilizer Analysis. (Fertilizer Com.)</u>			
..Filing case for office.....	30.00	Desirable...-	<u>✓</u>
..Inc. in salary, Asst. Chem (Cornell) \$1000-1200.	200.00	V. Desirable.	<u>✓</u>
..Inc. in Salary, Asst. Chem. (Rice) \$1000-1200...	100.00	V. Desirable...	<u>✓</u>
<u>Miscellaneous. (Finance Committee.)</u>			
..Increase in State Fair App. \$700-900.....	200.00	Desirable...	<u>✓</u>
..Increase in app. for Mill Village Ext. Work..	100.00	V. Desirable.	<u>✓</u>
<u>TOTAL PROPOSED INCREASE - STATE WORK.....</u>	<u>\$ 12,066.00</u>		

SOUTH CAROLINA EXPERIMENT STATION  
Budget 1911 - 1912.

Prospective Income

Hatch & Adams Funds.....	\$ 30,000.00
Estimated Income from Sales.....	3,000.00
Balance on hand, July 1st, 1911.....	<u>4,701.50</u>
<b><u>TOTAL RESOURCES.....</u></b>	<b><u>\$ 37,701.50</u></b>

Appropriations proposed in Budget.....\$ 36,265.00

I approve of this Budget in toto. ✓

W. M. R.

FOR CONSIDERATION BY AGRICULTURAL COMMITTEE.

SOUTH CAROLINA EXPERIMENT STATION

From Hatch & Adams Funds

Budget for 1911-1912

	<u>Hatch</u>	<u>Adams</u>	<u>Total</u>
Salaries as per 1910-1911 scale.....	\$ 8,575.00	\$6,825.00	\$ 15,400.00
<u>Changes in Personnel.</u>			
Asst. in Ani. Husb. (to take place of Station Vet. & Asst. Ani. Hus., salary \$1,900).....	500.00	500.00	1,000.00
<u>New positions.</u>			
Assistant in Agronomy.....	400.00	400.00	800.00
Assistant in Botany.....		1,000.00	1,000.00
<u>TOTALS</u> .....	<u>\$ 9,475.00</u>	<u>\$8,725.00</u>	<u>\$18,200.00</u>

<u>Office &amp; Unclassified Division.</u>	<u>Hatch</u>	<u>Adams</u>	<u>Total</u>
Heat, light & water for Dep't.....	\$ 210.00	\$.....	\$ 210.00
Supplies.....	30.00	20.00	50.00
Janitor.....	240.00	.....	240.00
Dues-Assoc. Gol's & Stations.....	75.00	.....	75.00
Postage & stationery for Dep't.....	100.00	70.00	170.00
Cultivation of plots-Coast Station.....	600.00	.....	600.00
Stud fee for four colts.....	100.00	.....	100.00
Student labor in Forestry, and Plot work Coast Station.....	280.00	.....	280.00
Stenographic supplies.....	50.00	.....	50.00
Travel of Director.....	100.00	50.00	150.00
Neostyle for office.....	50.00	.....	50.00
Filing cabinets.....	50.00	.....	50.00
Office furniture.....	75.00	.....	75.00
Contingent (all Divisions).....	280.00	150.00	430.00
Partition in Room #26.....	125.00	.....	125.00
<u>Total - Office &amp; Unclassified</u> .....	<u>\$ 2,365.00</u>	<u>\$ 290.00</u>	<u>\$ 2,655.00</u>

<u>Office of Secretary.</u>			
Publication of bulletins, including 1,000 add'l stencils, ink, oil, etc. for mailing machine.....	\$ 2,400.00	\$.....	\$2,400.00
Mailing bulletins to foreign countries.....	25.00	.....	25.00
Binding periodicals & bulletins.....	100.00	.....	100.00
Stationery for Dr. Sloan's office.....	25.00	.....	25.00
Additions to Library.....	50.00	.....	50.00
<u>Total - Office of Secretary</u> .....	<u>\$ 2,600.00</u>	<u>.....</u>	<u>\$2,600.00</u>

	<u>HatchH</u>	<u>Adams</u>	<u>Total</u>
<u>Division of Agriculture.</u>			
Labor.....	\$ 900.00.....	\$ 700.00.....	\$1,600.00
Supplies, such as seeds, plants, etc	135.00.....	100.00.....	235.00
Fertilizers.....	400.00.....	300.00.....	700.00
Paint for buildings.....	75.00.....	.....	75.00
Labor, fertilizers, seed (for production of hay and feed for colts and jack).....	300.00.....	.....	300.00
Tools, implements and machinery...	150.00.....	.....	150.00
Fencing material.....	100.00.....	.....	100.00
Gasoline, engine and pump.....	65.00.....	.....	65.00
Equipment of poultry yard & chickens	100.00.....	.....	100.00
Addition to barn.....	150.00.....	.....	150.00
Seed bins & galv.iron seen boxes..	200.00.....	.....	200.00
<b>Total - Division of Agr'l.....</b>	<b>\$ 2,575.00.....</b>	<b>\$1,100.00...</b>	<b>\$ 3,675.00</b>

<u>Division of Horticulture.</u>			
Labor.....	\$ 500.00.....	\$ 600.00.....	\$1,100.00
Seeds, plants and supplies.....	100.00.....	80.00.....	180.00
Fertilizers.....	125.00.....	125.00.....	250.00
Chemicals for spraying.....	30.00.....	.....	30.00
Traveling expenses.....	25.00.....	50.00.....	75.00
Graduate student assistant(labor).	.....	360.00.....	360.00
Spraying equipment.....	30.00.....	.....	30.00
Fencing materials.....	30.00.....	.....	30.00
Tools, implements and machinery...	20.00.....	45.00.....	65.00
Pump house.....	40.00.....	.....	40.00
<b>Total - Horticultural Div.....</b>	<b>\$ 900.00.....</b>	<b>\$1,260.00...</b>	<b>\$ 2,160.00</b>

<u>Division of Entomology.</u>			
Labor in laboratory.....	\$ .....	\$ 360.00.....	\$ 360.00
Chemical & laboratory supplies...	.....	240.00.....	240.00
Seeds, plants and supplies.....	.....	50.00.....	50.00
Traveling.....	.....	100.00.....	100.00
Labor - graduate student asst....	.....	500.00.....	500.00
Scientific apparatus.....	.....	200.00.....	200.00
Insect cases for temp. work.....	.....	50.00.....	50.00
To Co-op. exp. spray pumps.....	50.00.....	.....	50.00
<b>Total - Entomology Div.....</b>	<b>\$ 50.00.....</b>	<b>\$1,500.00.....</b>	<b>\$1,550.00</b>

<u>Division of Botany.</u>			
Labor.....	\$ 150.00.....	\$ .....	\$ 150.00
Chemical supplies.....	25.00.....	10.00.....	35.00
Seeds, plants & sundry supplies..	20.00.....	20.00.....	40.00
Traveling expenses.....	45.00.....	75.00.....	120.00
Seeds, plants & Chem. Sup. (Got. Shed. Prob)	.....	50.00.....	50.00
Scientific appartus.....	10.00.....	370.00.....	380.00
Library.....	50.00.....	50.00.....	100.00
<b>Total - Botany Division.....</b>	<b>\$ 300.00.....</b>	<b>\$ 575.00.....</b>	<b>\$ 875.00</b>

<u>Division of Chemistry.</u>			
Chemical supplies.....	\$ 150.00.....	\$ 150.00.....	\$ 300.00
Gasoline.....	50.00.....	50.00.....	100.00
Trav. exp. in con. with work Colleton Co.	75.00.....	.....	75.00
Labor in Chem. Lab'y.....	250.00.....	250.00.....	500.00
Books and journals.....	50.00.....	25.00.....	75.00
<b>Total - Chemical Division.....</b>	<b>\$ 575.00.....</b>	<b>\$ 475.00.....</b>	<b>\$ 1,050.00</b>

<u>Animal Husbandry Division.</u>			
(Contribution of Station to College Div. of Ani. Husb. & Dairying.)			
Labor.....	\$ 600.00.....	\$ 600.00.....	\$ 1,200.00
Feed stuffs - concentrates.....	800.00.....	1,000.00.....	1,800.00
Seeds, plants, sup's and animals...	100.00.....	400.00.....	500.00
<b>Total - Ani. Hus, Division.....</b>	<b>\$ 1,500.00.....</b>	<b>\$ 2,000.00.....</b>	<b>\$ 3,500.00</b>

T-O-T-A-L-S

Hatch Fund.....*	\$ 20,340.00
Adams Fund.....	15,925.00
	<hr/>
<u>TOTAL - HATCH &amp; ADAMS.....</u>	<u>\$ 36,265.00</u>

\* Includes sales of farm products.









Honorable Board of Trustees  
 Clemson College  
 Clemson, S.C.

The business of the college is to educate the young men and women for which I have the honor to be your representative. It is my duty to present to you during my annual report the progress of the project points to the college, and I have been pleased for the past few years to have been able to hold up as the ideal to which we are striving - safety, health and happiness of the people. It is my duty to help the agricultural people and to carry the message between them and the college.

When the Farmers' Demonstration Work was first organized in South Carolina, the opportunity was offered the college to join in the work. But I am pleased to say that the faculty and the board of trustees looked with disfavor on the proposed co-operation and discouraged it. So far as I know, the college never had the opportunity to pass upon the question at all.

Ever since I have been President I have had a genuine sympathy with, and appreciation for, the Demonstration Work organized by that really great leader, Dr. Knapp, and now so well carried on by his son, Mr. Bradford Knapp. There is no doubt in my mind that the Knapp Organization and its methods of carrying Agricultural knowledge and the results of research direct to the farmers, has been practical and well planned. The Demonstration Work is by no means deserving of all the credit for the recent Agricultural advancement in South Carolina, but I believe it deserves a large share of it.

During the last year of Dr. Knapp's life, I talked with him several times in regard to our getting into co-operation with his work, and he always expressed his hope that this would eventually