

1-1-1914

President's Report to Board of Trustees, 1914-07

Clemson University

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MEMO. IN RE
LEVER ACT IN 1914

No. 15

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Clemson College, S. C.

July 1, 1914.

The Honorable Board of Trustees,
Department of The Clemson Agricultural College.

Gentlemen:-

As required in the By-laws, I beg to submit the following annual report covering the fiscal year 1913-14.

My reports read at your April and November meetings, together with the five circular letters of information sent out, make it unnecessary for me to go into any great detail here. As usual my recommendations and suggestions are summarized at the conclusion of the report.

General Statement:

The session taken as a whole was a most satisfactory one. The class work was good, the health of the corps excellent, discipline was strong and efficient, and College spirit, especially in the Senior Class, was unusually developed.

On May 31, we awarded certificates to 46 young men who had completed the "One Year Agricultural Course," and on Commencement Day, diplomas to 78 graduates, distributed as follows -

In Agriculture.....	42
In Mech. & Elec. Engr.....	27
In Civil & Mech. Engr.....	5
In Textile Industry.....	4
	<hr/>
	78

Although small in numbers, as is every fourth class dating from the passage of the Scholarship Act, no finer body of young men ever went out from Clemson College than the class of 1914. Next session the graduating class is likely to be the largest on record, going considerably over the hundred mark.

The system of electives in the Senior Agricultural Course was an innovation of the past year that also won its way to unanimous approval.

During the session, the College was inspected by the Legislative Committee, the State Board of Health, the United States War Department, and the Board of Visitors. From the first three of these inspections, (the Board of Visitors is yet to be heard from), the College got good reports. The War Department's opinion was contained in the following telegram -

"On recommendation (of) College Inspection Board, institution under your control (is) specially commended for progress and improvement during (the) year, and announcement to that effect will be made in War Department bulletin."

(Signed) Heistand - Agt. General.

This recommendation is a tribute to the work of our very efficient Commandant, Col. Cummins.

During the year the College made creditable exhibits at the State Fair, the National Corn Exposition in Dallas, Texas., and the Textile Exposition in Boston. work of instruction has been especially efficient, and the students especially interested.

Features of the Year:

The year has been noteworthy for several features. Never before has the attendance been so steadily maintained. Enrolling 818 students, we had in attendance on January 1st, 89.2% of this number, and on June 1st, 85%. The corresponding figures for the previous session are 80% and 73.7%.

Another remarkable fact was that over 96.5% of all the students of the previous year, after deducting those who finished their courses, returned this session. No higher evidence of satisfactory conditions, as viewed from the students' standpoint, can be presented.

It is also worthy of note that the plan of stopping at four o'clock with work on Saturday, after a session's trial met with practically unanimous approval by students and faculty. The plan has now been made permanent.

The system of electives in the Senior Agricultural Course was an innovation of the past year that also won its way to unanimous approval.

Probably the most striking feature of the session is to be found in the donations made to the College. Mr. Rockefeller's pledge of \$50,000 towards the Y. M. C. A. Building in response to the resolution adopted at the April meeting, heads the list. The students and faculty have subscribed over \$5,000 to the same purpose, and later in this report I shall present the gift of a drinking fountain from the class of 1914.

Even more to be appreciated than Mr. Rockefeller's large contribution are the smaller donations, which come as greater sacrifices to the altar of college loyalty. In the budget we are including an appropriation for a small poultry plant, to be operated under the Animal Husbandry Division. This Division and the Extension Division propose jointly

The Departments - (College Work):

The Agricultural Department has finished what is unquestionably its best session. The work of instruction has been especially efficient, and the students especially interested. The "Agricultural Club" organized among the Senior Agriculturals, and the "Agricultural Journal" published by them, are evidences of their great enthusiasm in their work.

The system of elective major subjects in the Senior Class greatly added to the attractiveness and effectiveness of the Agricultural Course. The Director especially commends the good teaching work in Agronomy under Prof. Hutchinson.

During the session, the Department taught 555 students in all, and in addition to this large work of teaching, conducted successfully the work of the Experiment Station, and discharged in a very creditable manner a large volume of public service work, including institutes during the summer. The changes in the personnel of the teaching force in almost every instance resulted in greater efficiency.

The Agricultural Faculty seems to be working harmoniously for next session it will be absolutely necessary to have an

and effectively, and Prof. Harper has borne well the heavy duties and responsibilities of his office. He has given a great deal of attention to the College Farm, which during the past year has made a substantial profit.

This Department is rapidly getting well equipped for teaching. Its greatest need is more space for office, class and work rooms. This need should be met in the near future by the erection of another building to house the Extension and Horticultural Divisions.

The large machinery shed, 55' x 150' just finished, will for a while provide for this important work.

In the budget we are including an appropriation for a small poultry plant, to be operated under the Animal Husbandry Division. This Division and the Extension Division propose jointly to pay the salary of a Poultry Husbandman, who will both teach and do Extension Work, and they have selected to recommend for the position, Mr. F. C. Hare, who now employed by the Government, but working under our direction, has already done very successful work in Union and Greenville Counties.

The Engineering Department continues upon the even tenor of its way, doing good work in teaching, and performing all other College duties promptly and effectively.

Mr. Routten, who succeeded Prof. Gardner as head of the Wood Shop Division, is if possible even a better man. He was a very successful teacher at the Mississippi A. & M. College before coming to Clemson. In addition to his regular duties, he takes a great interest in the cadet band, and has greatly improved it.

During the session the Department taught 522 students, including the One Year Agriculturals. The latter were given a special course in scientific horse shoeing.

The Course in Architectural Engineering is growing, and for next session it will be absolutely necessary to have an

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additional Instructor in the Division to assist with the regular schedule as well as in Architectural teaching. Later in this report, I have asked that you create the position of "Instructor in Architectural Engineering" at a salary not exceeding \$1,200.

The Department needs more space for the teaching of Drawing and Wood Work, and I am recommending that a 50 ft. extension be built on to the wing opposite the Fertilizer office at a cost of \$5,000. It must be remembered that the student body has increased over 100 students since any additions have been made to this Department, and it has been difficult to get along with the room available.

Also, since I have been President, the Department has had very little appropriated for equipment of the shops and laboratories, which are falling behind. This year I am recommending the accumulated request of several years past. The Wood Shop needs badly a first class dry kiln, but I am deferring this recommendation, in view of greater needs.

Prof. Earle as Director, continues to merit my hearty approval in every particular.

The Textile Department made an excellent exhibit in Boston at the Fourth National Textile Exposition, April 27 to May 2. I trust that this will bear fruit in donations of valuable machines to the Department.

During the session, Prof. Doggett made the experiment of furnishing teachers to the Textile Night Schools of Anderson, expending in this way the small appropriation given to his Department for Textile Extension. He advocates an increase of this form of work with a \$1,200 appropriation. I am opposed to his plan, because while I believe we should give help to such schools in the way of counsel and guidance, it would, I believe, be contrary to sound policy, and aside from our mission, to furnish teachers. I shall later in my report present this matter for your

discussion.

The teaching work of the Textile Department has been in the main quite satisfactory, 133 students receiving instruction. The demand for our Textile graduates exceeds the supply.

During November and December, the Bureau of Crop Technology, U. S. Department of Agriculture, conducted important tests in the Carding & Spinning Division of the Department, to determine the relative value of different grades of cotton.

The work of the Chemical Department continues highly efficient in every particular. Eleven Seniors elected Chemistry as their major subject.

Mr. Lipscomb, who has been away on a year's leave of absence for study in Germany, is expected back in September.

The work of Chemical Analysis will be referred to under the head of Public State Work.

The efficiency of the work of the Military Department is evidenced in the report of the War Department already quoted. I believe Col. Cummins to be the most efficient Commandant we have had at Clemson since Capt. Fuller. Not only is he a strict disciplinarian, but he is respected and liked by the students as well. He is, I believe, absolutely just and fair, as well as fearless, in his dealings with them.

The great improvement in discipline is shown in the comparatively few cases that have been handled by the Discipline Committee this session. In all, only 11 have been dismissed and 8 suspended, as compared with 13 dismissed and 25 suspended last session. It is not unusual, in cases of dismissal for purely military offences, for the Discipline Committee to show leniency after a reasonable punishment has been served. This has been particularly true in the cases where the punishment of dismissal is mandatory in the Regulations, as in hazing, and leaving barracks

between Taps and Reveille. our Librarian, Miss Treasot, and her Assistant.

The number of desertions this year was 13. Two of these deserters left under charge of theft, one of drunkenness, and three of cheating on examinations. pay her only \$700, - \$100 less than we pay many of our stenographers, and yet the position

The work of teaching in the Academic Department shows decided improvement. This is particularly true of the work in English. The added time given to this important subject, and the general shaking up out of old ruts, due to the changes in the personnel of the Division, have led to greater interest on the part of the students, and more enthusiasm on the part of the teachers. The courses have been enriched and extended and better co-ordinated. The substitution of the two Instructors in English for the two Assistant Professors has led to no loss of efficiency, and a saving of \$1,000 per annum to the College.

The introduction of Trigonometry into the Freshman Class has worked well to stimulate interest, and prepare the Freshmen for the Sophomore work. The better prepared material we are now getting, due to the improvement in the schools, makes the work in Mathematics in particular more satisfactory, and there are fewer failures. The work of the President's Office continues to grow in volume.

The increased time in Physics has been one of the most important changes in our curriculum during the past ten years. The Instructor in Physics added last July has been an indispensable help in carrying the increased work. We were fortunate in getting a well prepared man and a good teacher in Mr. Speas. of it. It will be the best

The Physics Division must have more room, and this will be provided when the additional fourth story class rooms are completed, and Prof. Holmes' room, which adjoins the present Physics space, be given over to the Physics work.

It gives me special pleasure to report a growing interest in, and use of, our Library by the Students, and an increased

efficiency on the part of our Librarian, Miss Trescot, and her Assistant, Miss Trescot.

I intend most earnestly to recommend to you an increase in the salary of the Librarian. We now pay her only \$700, - \$100 less than we pay many of our stenographers, and yet the position of a Librarian is one of the most important in the organization. Our salary is out of line with the worth of the position, and the practice of other similar and even much smaller Colleges, whose average Librarian's salary is \$1,466.66, as compared to ours of \$700.

Our Library now contains 17,195 bound volumes, 10,000 government publications, and 15,000 pamphlets. One hundred and eighty magazines are taken regularly, and many agricultural and county and State papers donated.

The work of the Treasurer's Office has been admirably handled by our new Secretary-Treasurer, Mr. Evans. The books and accounts are in excellent condition. Mr. Keys, who succeeded Mr. Davis as Bookkeeper, thus far has proven very satisfactory.

The work of the President's Office continues to grow in volume, and our force is hard pressed, despite the unusual efficiency of Mr. Littlejohn and Miss Sadler.

We have this year, for reasons beyond our control, made a botch of getting out our catalogues on time. It is not yet off the press, and we are seriously embarrassed by need of it. It will be the best catalogue we have ever issued, thanks to the care exercised by the Catalogue Committee of the Faculty, but its late appearance is a serious handicap to us in dealing with prospective students.

Under the head of Public Utilities come the Heat, Light and Water, Construction and Repair, Convicts, and Campus and Roads Divisions.

Our heat, light and water service has been good, except as to the quality of our water. On account of scarcity at our old Station, we have had to pump often from the new Station on Hunnicutt Creek, - a stream criticized annually by the State Board of Health. With a small appropriation provided, we have tried the experiment of driving wells near the old Station, and have had fair success in getting water. I have, therefore, included \$1,500 in the budget for extending this work, with the belief that with a sufficient number of wells we can supplement our supply at the old Station, or failing in this, filter the water from the Hunnicutt Station. A good water supply is a pressing need.

With the addition of the Y. M. C. A. Building and Hospital, it will likely be necessary to extend our power plant, and add one or two more boilers to meet the needs for steam heating. This consideration can be deferred for another year, however.

One of the most wasteful features of our present Laundry is in the long steam transmission. Since the present Laundry is too small, and much of it will soon need rebuilding, I shall recommend that we build a new Laundry just back of the power station, where it will be easily accessible both to the barracks and to our steam and hot water supply.

We have at last done away with the Convicts. Under the pardoning policy of the Governor, our force has dwindled down to eight men. It did not pay us to guard and feed so few. We have kept two trustees and sent the other six back to Columbia. The appropriation heretofore made for convicts I have divided up between the Campus & Roads, the College Hauling, and the new Athletic Field, and it so appears in the budget of running expenses.

To do the work on the new Athletic Field, we purchased twelve additional mules, which with additional tools and scrapers, cost us about \$2,600. I am indebted to Mr. Johnstone for valuable assistance in buying the twelve mules.

Before purchasing this equipment and deciding to do the work ourselves, I solicited bids from contractors. The lowest bid received was 20¢ per cubic yard. We calculate at a conservative estimate, and not allowing for salvage on mules and implements at the close of the work, that we can do the work at less than 12¢ per yard. We were fortunate in being able to hire a Mr. Blassingame and his force of six scrapers, an eight mule plow team, and a three mule snatcher team, for \$60.00 per day, so long as he moves not less than 360 yards per day. His plow teams serve for all, thus freeing four mules for two scrapers on Mr. Lewis' force. All things considered, we figure it will cost us for the dirt moved by Mr. Blassingame, not more than 12 1/2¢, and may cost less, if he goes beyond 360 yards per day, as we expect him to do. Our agreement enables us to discontinue his services at pleasure. We were able to make so good a bargain because this contractor was out of work, and had his mules idle on his hands. We figure that if we retain him, we will finish the bulk of the job in six months instead of a year, as estimated.

The amount necessary to complete the grading of the athletic field, over and above that carried on our budget of running expenses for convicts amounting to \$5,250, is carried on the budget of new items.

On the Campus we have put down .7 of a mile of sidewalks at a cost of between sixty and seventy cents per square yard, built the re-enforced concrete bridge across Hunnicutt branch, re-located and graded the new road from the Hospital to the Agricultural Hall, and put down a large amount of drain pipe, and done a large amount of general upkeep and repair work. The unprecedented drought has practically nullified our attempts at sodding road banks and bare spots on the campus, but this will be done as soon as practicable.

We do not seem to have lost anything in efficiency by doing away with the office of Chief Inspector, and incidentally, we saved

about \$3, Very little large work has been required of the C. & R. Division, but a great amount of much needed repair work to public buildings and residences has been done. A full report has been made to the Executive Committee, but I might mention as some of the principle jobs, the re-building of Mr. Evans' house, (destroyed by fire); building the large machinery shed for the Agricultural Department; completion of the refrigerator plant; re-flooring 60 rooms in Barracks; cutting off stock room in basement of Chemical Laboratory; etc. At present, the work in the fourth story of this building is being rushed so as to complete the new class rooms by the opening of the session. The old Barracks will have to be re-plastered throughout, and in this year's budget, I have included one floor.

Our Architect, Prof. Lee, has been busy on plans for the Y. M. C. A. Building, Gymnasium and new Hospital. The latter has been outlined, and is here on exhibition. We gratefully acknowledge Dr. Timmerman's assistance in getting up these plans.

I hope that you will decide ^{to build} the Hospital at once, for then I will present plans for adding to our old hospital, and making a four-apartment house of it. This done at a cost of about \$3,000, will accommodate four families, and help us to meet the present clamor for accommodations, which otherwise will cost us eight or ten thousand dollars.

PUBLIC SERVICE:

Having thus briefly and incompletely covered the College work, let me present even more briefly some facts in regard to the Public Service of the College.

The Fertilizer Inspection & Analysis has been done with even greater efficiency and dispatch than in times past.

We do not seem to have lost anything in efficiency by doing away with the office of Chief Inspector, and incidentally, we saved

about \$3,000 thereby.

Up to date, the Chemical Department shows 2,533 samples as against 1,928 for the year preceding. The work of the Laboratory on availability in sources of nitrogen has attracted wide and favorable attention, - so much so that our Chief Chemist, Dr. Brackett, has been appointed by the "Association of Official Agricultural Chemists," as Referee on Nitrogen for the year 1914.

Through the progressiveness of Dr. Brackett and the ingenuity of his Assistants, the increased volume of work has been handled by the Chemical Department without calling for additional Chemists.

The Tick Eradication Work under Dr. Lewis, is progressing nicely. On June 1st, Dr. Quigley, who had been shifted over to this work, was dropped because of unsatisfactory service.

I have for the Veterinary Committee a very interesting report from the State Veterinarian, Dr. Powers, showing the financial status of the hog cholera serum manufacture, and recommending a reduction in the price of the serum. Great improvements have been made in the serum plant. Dr. Powers now has on hand 80,000 cc. of tested serum worth at present prices \$1,600. In all, \$8,475.40 worth of serum has been sold since its manufacture was begun.

Dr. W. A. Barnett, who is in immediate charge of the serum work, has been very energetic and efficient. The State Veterinarian's report shows that glanders has practically disappeared from the State. Only two cases were found the past year, although 47 animals were tested. Our laws governing the importation of the 29,068 mules and horses brought into the State during the year is largely responsible for the absence of this fatal disease. The same may be said of cattle, for out of 597 tested, only one showed tuberculosis, and that animal belonged to a shipment that came into the State without a health certificate. The testing of these dairy cattle is made under a recent ruling of the Veterinary Committee that our Veterinarians might be sent to make such test,

provided the owner paid traveling expenses.

The report of the State Entomologist and State Pathologist to the Crop Pest Commission, (your Entomological Committee), is very interesting, but lack of time forbids my giving details here.

But our most striking results in the line of Public Service have been in Demonstration & Extension Work. Under Mr. Long's able supervision, this work has steadily extended and has entrenched itself in the affections of our people. A very complete report of this work will be published in my report to the Legislature. I shall only summarize some of the most important features here.

During the year, under the supervision of the Demonstration Agents, there have been planted 138,000 acres of corn crops, vetch and clover, 2,100 acres of alfalfa, 17,903 acres of corn and 19,646 acres of cotton. On the corn acreage, the average yield was 40.8 bushels as compared to an average of 20 bushels for the State, and on the cotton acreage, 1,372 lbs. of seed cotton as compared to less than 700 lbs. for the State. Twelve hundred and sixty eight, (1,268) boys were enrolled in the Corn Club Work, 16 of whom made between 100 and 158 bushels of corn per acre.

Co-operating with the Animal Husbandry & Dairying Division of the College, 15 Babcock milk testers were distributed among the Agents to demonstrate to farmers the profitable and unprofitable cow, and 22 silos were built. Two live stock men, Messrs. Watt and Calvin, were furnished by the Department at Washington, (largely through Mr. Lever's influence), and these men did splendid work in the up countries, which had been freed from ticks. Live Stock Associations were formed, and in each county, one breed of animal was selected by vote. So far, all Associations have selected the Jersey and Hereford for dairy, and beef purposes respectively, and the Berkshire breed of hogs.

Mr. Hare, a Poultry Husbandman of great ability, likewise

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furnished us by the Department, organized Union and Greenville Counties, and imported over 7,000 eggs for breeding purposes. The Barred Plymouth Rock was the breed of fowl selected. Co-operating with the Horticultural Division, Mr. Hiven, our Field Horticulturist, supervised the care of nearly 300 acres set in peaches, the planting of over 20,000 young trees, and the restoration of 7,000 old trees.

Co-operating with the Veterinary Division, the Demonstration Agents injected 2,133 hogs with hog cholera serum. Each Agent has a syringe and a supply of serum kept on ice nearby and ready for immediate use. This removes one of the most serious impediments to the serum treatment, which often comes too late.

It has been practically agreed by the Bureau of Animal Husbandry at Washington to pay the expenses of the Demonstration Agents for one or two weeks to carry on an intensive campaign of instruction as to sanitary methods and treatment in the case of cholera outbreaks. It might be remarked that the work done by the College during the past four years has given to our people greater familiarity with hog cholera and its prevention and treatment than is possessed by the people of any other Southern State.

Co-operating with Prof. Barre, the cucumber blight in the trucking sections is being studied, and with Prof. Conradi, fly traps of his design are being urged, and the people are making them by the hundreds. One hundred and forty schools have accepted Mr. Long's proposition to donate a three acre plot on which to conduct crop rotation and production work. The plot is supervised by the County Demonstration Agents. The College sends out instruction leaflets to those schools for the use of the teachers. The plan here outlined has attracted national attention as the most practical method yet devised of interesting school children in farming.

Under the Demonstration Agents, 2,448 bushels of clover and vetch seed have been collected-

Grass experiments are being conducted on some of the deserted

rice lands near Charleston, and Ozier Willons have been planted in the hope of finding still another use for these abandoned but fertile fields. Two hundred and eighty five, (285), institutes, school meetings, etc. have been held during the year, costing \$2,370, and reaching over 55,000 people.

The actual tangible wealth added to the State last year by the Demonstration Work is estimated by Mr. Long at \$2,274,374.12.

With this work still in its infancy and accomplishing so much, what may we not expect when the Lever Bill, full grown, brings to its assistance the princely sum of \$214,000 annually?

Mr. Long is indeed the right man in the right place, and deserves our hearty "well done." Because of the fame of his work, we must keep a sharp look-out to see that some other College, or the Department at Washington, does not take him away from us. His position would be hard to fill.

The Lever Bill: From College Apprs... 3,901.28

The Governor has designated Clemson College as the institution in this State to administer the funds arising under the Lever Bill, but as yet no agreement has been reached as to the recipient of the fund. The Governor designated the State Superintendent of Education, whereas the law distinctly says the Treasurer of the State, or other officer designated by law to receive the funds, should be named. I hope, however, that this detail may soon be arranged.

I shall later present an agreement entered into with the Department at Washington, covering all Extension Work done in the State, and with Winthrop College, covering Home Economics Work contemplated in the Lever Bill. These agreements, I trust, will receive your approval.

The Governor appointed Mr. H. A. Sloan as Magistrate of this Corporation.

Our experiment of putting the Farm and the Dairy on a re-investment basis has worked admirably. The Farm shows a profit of \$6,868.18 in cash, increased inventory and salable products on hand, over and above the quantity of the same materials on hand a year ago. The Complete statement is as follows -

The Complete statement is as follows -

College appropriations expended.....	\$ 1,500.00
Expenditures from sales.....	2,457.41
Loss in inventory - cows.....	204.00
Loss in inventory - hogs.....	131.29
Bills outst.	

FINANCIAL STATEMENT OF CLEMSON COLLEGE FARM.

Total Liabilities.....\$ 12,003.09

ASSETS.

From sale of farm products.....	\$8,738.53
Bills receivable.....	150.00
Bills receivable.....	968.83
Gain in inventory - horses.....	
Net gain in inventory.....	7,199.67 *
Total Assets.....	\$ 17,156.73
Total.....	\$ 16,907.03

LIABILITIES.

Expenditures from College Apprs...	3,901.22
Expenditures from re-inv. fund....	7,585.54
Total Expenditure.....	\$ 11,486.76
Deduction for general improvement work.....	\$ 1,209.52
(Imp'ment on farm lands not incl'd)	
Total Liabilities.....	\$ 10,277.24

Total Acbrument to Farm.

(1) Cash Bal. as per Treas. Books	\$ 1,152.99	
(2) Salable farm products and supplies on hand.....	3,539.69	
(3) Additional equipment.....	2,175.50	6,629.79 **
Total.....	\$ 16,907.03	

*JNH reports that an error is made here of about \$2000 - reducing ** accordingly. W.R. 7/6-15*

FINANCIAL STATEMENT OF DIVISION OF ANIMAL HUSBANDRY & DAIRYING.

The Dee Station (Re-investment Fund) on the Treasurer's

books of \$483.26, and a total cost to the College of \$2,335.07.

LIABILITIES.

College appropriations expended.....	\$ 1,500.00
Expenditures from sales.....	9,487.31
Loss in inventory - cows.....	204.00
Loss in inventory - hogs.....	121.10
Bills outstanding.....	<u>713.58</u>

Total Liabilities.....\$ 12,005.99

ASSETS.

Cash receipts from sales.....	\$ 10,716.33
Bills receivable.....	156.00
Instructional work.....	234.00
Gain in inventory - horses.....	<u>46.40</u>

Total Assets.....\$ 11,152.73

From sale of farm products..... Deficit.....\$853.26

Net gain in inventory..... (Book Balance, Treas. Off..\$1,249.02) \$ 1,637.29

Total Cost to College.....\$2,335.07

The following is a statement of the business of the Dee Station, showing a total cost to the College of only \$2,335.07.

FINANCIAL STATEMENT OF PEE DEE STATION.

LIABILITIES.

From College appropriations.....\$ 8,673.38

ASSETS.

From sale of farm products.....	\$ 4,407.41
Net gain in inventory.....	1,848.29
Bills receivable.....	<u>100.19</u>

Total Assets.....\$ 6,455.89

Total Cost to College.....\$ 2,217.49

Book balance, Treas. Off..\$2,671.62
(Value of Plant.....\$ 49,971.54)

I consider this a good showing.

Coast Station:

The Coast Station shows a deficit on the Treasurer's books of \$483.88, and a total cost to the College of \$2,386.53, shown as follows -

FINANCIAL STATEMENT OF COAST EXPERIMENT STATION.

LIABILITIES.

From College appropriations.....	\$ 2,229.81	
From sale of farm products.....	1,655.26	
Overdraft from previous year.....	<u>138.85</u>	
Total Liabilities.....	\$ 4,023.92	

ASSETS.

From sale of farm products.....	\$ 1,310.23	
Net gain in inventory.....	<u>327.16</u>	
Total Assets.....	\$ 1,637.39	

Total Cost to College..... \$ 2,386.53

Deficit, Treasurer's Books, 1913..	\$138.85
Deficit, Treasurer's Books, 1914..	<u>345.03</u>

TOTAL CASH DEFICIT..... \$ 483.88

Finances:

The fertilizer tag tax has this year reached the highest level in the history of the College at \$276,000. The budget for this year was based upon a \$230,000 tax. There is, therefore, on hand \$46,000 unappropriated and unexpended. I earnestly hope that with this money we may do a few big things that will be easy to point out to our people and be easily understood by them. I shall

recommend that this \$46,000 be used to make our contribution to the Y. M. C. A. Building, build a new Hospital, complete the Athletic Field, and build a new Laundry.

Out total balance is \$67,192.84, which after deducting for items to be continued, leaves actual balance of \$59,928.84.

The following is a summarized statement -

<u>Heading</u>	<u>Appropriations</u>	<u>Expended</u>	<u>Balance</u>
Public State Work.....	\$ 113,893.66	\$ 101,960.82	\$ 11,932.84
Operation of College..	151,488.63	144,377.86	7,110.77
Bldgs & Equipment.....	28,883.33	23,144.32	5,739.01
	<u>294,265.62</u>	<u>269,483.00</u>	<u>24,882.62</u>
<u>TOTALS.....</u>			
Continued Items.....			<u>7,264.00</u>
Used 1913-14 (Ref's).....			Balance Reverted... \$ 17,618.62
Balance due to Increased Income.....			<u>42,310.22</u>
			<u>TOTAL BALANCE.....</u> \$ <u>59,928.84</u>

(Truck Garden showed a loss of \$100.51)
 (Beef Feeding showed a profit of \$10.27)

Cadet Funds:

The By-laws put in the President's hands the expenditure of the Cadet Funds, and requires that an accounting be made to the Board at this meeting.

The following is a complete statement -

	<u>Receipts</u> 1913-14	<u>Expendi</u> <u>tures</u> 1913-14	<u>Balance or</u> <u>Overdrafts</u> 1913-14	<u>Balance or</u> <u>O'drafts</u> from '12-13	<u>Book Bal</u> <u>June 30</u> 1914	<u>Actual</u> <u>Bal. in</u> <u>ventory</u> 1913-14
ist...	\$57,896.34	\$58,312.63	\$ -416.29	\$1,302.15	\$ 885.84	\$ 663.05
dry...	6,703.89	5,691.23	1,012.66	796.01	1,808.67	1,670.03
ital..	3,950.00	4,372.86	-422.86	-442.34	-865.20	-865.20
& W..	6,448.13	6,458.77	- 10.84	12.96	2.12	2.12
tal...	4,385.33	3,620.33	765.00	170.41	935.41	935.41
akage..	2,549.61	2,549.61	000.00	000.00	000.00	000.00
forms..	24,311.50	24,273.85	37.65	24.72	62.37	62.37
<u>ALS..</u>	<u>\$ 106,244.80</u>	<u>105,279.48</u>	<u>965.32</u>	<u>1,863.89</u>	<u>2,829.21</u>	<u>2,467.78</u>

Old Balance, 7/1/13.....\$ 2,113.91
 Used 1913-14 (Refr'g)..... 924.46
Total Old Balance, 7/1/14.....\$ 1,189.45

(Truck Garden showed a loss of...\$ 498.31)
 (Beef Feeding showed a profit of...\$ 40.37)

MEMORANDUM

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(b)
(a)

2. I recommend RECOMMENDATIONS.

budget, which items have not yet been finished or completed, be continued on the budget of 1914-15 -

1. Having completed one of the regular four year courses

as authorized by the Board and duly published in the catalogue, the Faculty and President recommend that the Degree of Bachelor of Science be awarded to the following students who were awarded their diplomas on June 9, 1914 -

SENIOR CLASS ROLL

Course in Agriculture

- Robert Audrey Alexander
- George Miller Armstrong
- Charlie Walter Baker
- John Collier Barksdale
- Joel Anderson Berley
- Arnold Riley Boyd
- Julius Lafayette Carson, Jr.
- Robert Emmett Cox, Jr.
- Fred Connor Dantzler
- Joseph Benjamin Douthit
- James Earle Dunlap
- Robert Boyd Ezell
- Arthur Pelzer Gandy
- Ernest Ryan Gilmore
- Thomas Crawford Haddon
- Ernest Hanvey
- Teague Gray Harris
- James Franklin Harrison
- Bush McLaughlin Jackson
- Frank Simmons Johnston
- Alexander Payne Lewis
- James Napier McBride
- John McKenzie McIntosh
- Harry Lamont Parker
- Elias Hardin Pressley
- Walter Andrew Reeves
- Walter Hay Rice
- Richard Henry Ridgill
- Frank Pierce Salter
- Augustus Edward Schilleter
- William Albert Schilleter
- William Thomas Puett Sprott, Jr.
- Herbert Roland Stender
- James Rogers Todd
- Arche Bascom Usher
- Audley Hoffman Ward
- James Haddon Sloan Wells
- William Beattie Wilkerson
- John Wightman Willis
- Joseph Theodore Witherspoon
- William D. Wood
- James Theron Woodward

(42)

Course in Civil Engineering

- Benjamin Pressley Barron
- Virgil Florin Bryant
- Boyce Manly James
- John William McLure, Jr.
- Leo Clarence Pearlstine

(5)

Course in Mechanical and Electrical Engineering

- Davies Kirkland Banks
- Harold Smith Boozer
- William Foote Brawley
- George Harold Browne
- Ernest McMillan Byrd
- Henry Elias Chambliss
- Marion Adam Dantzler
- Clarence English DesChamps
- Andrew LeRoy Edwins
- Claude Riley Emerson
- John Ernest Fletcher
- Richard Spidell Hood, Jr.
- Melmoth William Hunter
- Frank Johnstone Jervey
- Benson McHardy Jones
- William Fitch Lachicotte
- George Rose Morgan
- Frederick Honour McDonald
- James Walter McDonald
- John George Oetzel
- William Leonard Perry
- Francis Herbert Robertson
- Theo Barr Rogers
- Alan Griffith Stanford
- Theodore Wilbur Thornhill
- Charles Clough Thornton
- D'Arcy David Tinsley

(27)

Course in Textile Industry

- Robert Jackson
- Ben Ray Lever
- Homer Lloyd Smith
- John Watson Erwin

(4)

(Agri. Dept.) Salary \$1,200. Sept. 11, 1913.

H. L. Fote of Pennsylvania - "Instructor in Food Work." (Engr. Dept.) Salary \$800. September 1, 1913.

H. W. Scuttan of Virginia - "Assistant Professor Food Work" (Engr. Dept.) Salary \$1,500. Sept. 7, 1913.

(b)

54

F. F. Covington of South Carolina - "Instructor in English"

2. I recommend that the following items on the 1913-14 budget, which items have not yet been reached or completed, be continued on the budget of 1914-15 -

(Academic Dept) Salary \$1,000. Sept. 1, 1913.

W. H. Spies of Virginia - "Instructor in Physics." (Academic Dept) Salary \$1,200. Sept. 1, 1913.

F. Item No. of South Carolina - "Assoc. Professor Hort." Associate Horticulturist to Station. (Agrl. Dept)

200...	Supt's Residence, Pee Dee Station, (Bal)...	\$2,455.00
4...	Shelving in Vault.....(Treas.Off).....	25.00
72.8..	Live Stock for Breeding Work(Bal).....	1,085.70
78.4..	Live Stock.....(Dairy Div) (Bal)...	1,000.00
24.2..	Desks and Tables.....(Agron Div).(Bal)...	100.00
26..	Cases for Field Crop Laboratory.....	200.00
28..	Reference Books.....(Agron Div).....	100.00
3..	Pavilion and Toilet Building.....	1,500.00
10..	Sanitary Drinking Fountain.....	55.00
12..	Dairy Spring Cover & Approach.....	75.00
38..	Gymnasium Plahs.....(C. & R. Div).....	225.00
513..	Lime Stone Survey.....(Exten Div).....	300.00
12..	Additional Chapel Benches.....	100.00
54..	Bal. Student Desks & Tables..(Botany Div).	56.90

TOTAL.....\$ 7,264.90

resignation of Prof. J. O. Cooney, Assistant Professor of Garding

and Sp3. I recommend that the following officers who have served satisfactorily for approximately one year, be elected to permanent positions with their present titles and salaries -

R. A. Rouse of Kentucky - "Assistant in Animal Husbandry," (Station) Salary \$1,000. Sept. 1, 1913.

F. M. Rolfs of Iowa - "Assoc. prof. of Botany & Bact." and "Assoc. Botanist and Bact. to Station." (Agr'l Dept.) Salary \$1,700. July 11, 1913.

R. B. Lowery of South Carolina - "Asst. in Agronomy & Farm Machinery." (Agricultural Department. Salary \$1,200. Sept. 9, 1913.

D. B. Rosenkrans of Iowa - "Instructor in Botany & Bacteriology" (Agrl Dept) Salary \$1,200. August 15, 1913.

C. J. King of South Carolina - "Asst. in Chemistry" (Agr'l Dept.) Salary \$900. September 1, 1913.

Miss Julia Hook of South Carolina - "Mailing Clerk." (Station) Salary \$600. September 1, 1913.

W. A. Barnett of South Carolina - "Asst. State Veterinarian." (Agrl. Dept) Salary \$1,200. Sept. 11, 1913.

H. L. Pote of Pennsylvania - "Instructor in Wood Work." (Engr. Dept) Salary \$900. September 1, 1913.

W. W. Routten of Virginia - "Assistant Professor Wood Work" (Engr. Dept.) Salary \$1,500. Sept. 1, 1913.

(c)

F. F. Covington of South Carolina - "Instructor in English"
(Academic Dept) Salary \$1,000. Sept. 1, 1913.

G. M. Crum of South Carolina - "Instructor in English."
(Academic Dept) Salary \$1,000. Sept. 1, 1913.

W. E. Speas of Virginia - "Instructor in Physics."
(Academic Dept) Salary \$1,200. Sept. 1, 1913.

F. J. Crider of South Carolina - "Assoc. Professor Hort.",
"Associate Horticulturist to Station." (Agrl. Dept)
Salary \$1,700. August 1, 1913.

T. P. Duckett of South Carolina - "Military Assistant."
(Military Department) Salary \$1,000. January 1913.

4. I recommend that Mr. E. L. Shepard, substituting for Prof. Sweeney, away on a two year's leave of absence, be elected for one more year only.

5. Under the authority of the By-laws, I have accepted the resignation of Prof. J. G. Coman, Assistant Professor of Carding and Spinning, effective June 15, and request your approval of my action.

6. I recommend that Prof. Lee be given the additional title of Professor of Architectural Engineering.

7. I recommend that Mr. C. J. King, now Assistant in Chemistry, Experiment Station, be given the additional title of Instructor in Soils.

8. I recommend that the title of Assistant Entomologist to the Station be added to the title of Mr. W. A. Thomas, now Assistant Professor of Entomology & Zoology.

9. I recommend that a year's leave of absence without pay be granted to Mr. W. T. Pearce, Instructor in Chemistry, leave to date from September 1, 1914 to September 1, 1915.

14. Section 7 of the new rental system reads as follows -

(d)

"In making monthly salary payments to teachers, officers and employees of the College, the Treasurer shall deduct the amount due for rent of the house or house rent. In the case of monthly employees, the rent shall be deducted from each monthly payment."

10. I recommend that Mr. F. H. Edmister, now filling the place of Prof. Lipscomb on leave of absence, be elected to fill the one year vacancy caused by the leave of absence granted to Mr. Pearce, at Mr. Pearce's salary of \$1,200.

11. In order to comply with the plan inaugurated by the United States Department of Agriculture for carrying on Demonstration Work under the terms of the Lever Bill, I recommend that the title of Prof. Harper, now Director of the Agricultural Department and Experiment Station, be changed to Dean of the Agricultural Department and Director of the Experiment Station, - this with the distinct understanding that the new title will carry no greater rank than the old, and that the new office of "Dean" be regarded in the operation of the By-laws as synonymous with that of "Director."

12. For the same reason, I recommend that the title of Mr. W. W. Long, now Superintendent of Extension and Demonstration Work and Professor of Extension, be changed to Director of Extension, with the understanding that administratively, this particular directorship shall be related to the Agricultural Department, and to the college as are the other heads of Divisions in the Agricultural Department.

13. Section 60 of the By-laws provides that no teacher shall engage in outside employment without the approval of the President, and that the President's action shall be submitted to the Board for its information and sanction.

For the summer vacation, 1914, I granted to Mr. D. W. Sylvester, Instructor in Forge Work, permission to accept employment as a salesman, and I request your sanction of this action on my part.

14. Section 7 of the new rental system reads as follows -

17. I recommend that Section 60 of the By-laws be amended by

"In making monthly salary payments to teachers, officers and employees of the College, the Treasurer shall deduct the amount due for house or room rent."

I recommend that this action be amended to read as follows -

"The Secretary-Treasurer shall deduct from the June and December salary checks of teachers and officers the amount due for the preceding six months' room or house rent. In the case of monthly employees, the rent shall be deducted from each monthly payment."

15. Section 6 of the Ordinances of the College reads as follows -

"Be it ordained by the Board of Trustees of the Clemson Agricultural College of South Carolina - It shall be unlawful for any loafers to congregate anywhere upon the College grounds, or in the streets or in the public roads contiguous to the College grounds. Any one violating this ordinance shall be first ordered by the police or any officer of the College to move off the College grounds, and failing at once to do so, they or he or she shall upon conviction be fined not more than \$5.00, or be imprisoned for not more than ten days."

I recommend that the following sentence be ordered -

"The term 'loafers' shall be made to include any person or persons, who, during the progress of any athletic game or entertainment given on the campus to which an admission fee is charged, refuse to move away from the vicinity of said game or entertainment, after having failed or refused to buy a ticket for same."

16. Section 1 of the Ordinances of the College reads as follows -

"Be it ordained by the Board of Trustees of The Clemson Agricultural College of South Carolina - There shall be appointed by the Board of Trustees one or more policemen in accordance with the act of incorporation. They shall exercise all the authority conferred upon them by the said act and other statutes of the State. They shall preserve order within the incorporate limits, especially upon the College grounds and settlements contiguous thereto. To this end they shall arrest all offenders against the law of the State and the Ordinances of the Board of Trustees, and carry them before the Police Magistrate at Clemson College, to be dealt with according to law and these Ordinances."

Under this section, I recommend that the Commandant, J. M. Cummins, the Assistant Commandant, T. P. Duckett, and the Nightwatchmen, W. H. Garrison and John Wilbanks, be deputized as Policemen

17. I recommend that Section 68 of the By-laws be amended by

the addition of the Division of Soils in the Agricultural Department.

ed

18. Section 285 of the Regulations for the Government of the Cadets reads as follows -

"Demerits incurred by cadets for violation of the Regulations of the College shall be considered in the class standing. Any cadet receiving 67 demerits during any term shall be brought before the Discipline Committee, and shall be dismissed or less severely punished.

At the request of the Faculty, I recommend that this section be amended by making the last sentence read -

"Any cadet receiving 67 demerits during any term, or 121 demerits during a session, shall be brought before the Discipline Committee, and shall be dismissed or less severely punished."

ed

19. I recommend that the Commercial Wood Shop be put on the re-investment plan, similar to the Farm, Coast Station, etc.

(See Exhibit B Attached.)

ed

20. I recommend that the proposal of the class of 1914 to erect a drinking fountain on the campus, the class to pay \$250.00 for the fountain, and the College to furnish the necessary water, piping, etc. be accepted.

ed

21. I recommend that in the discretion of the President, as many members of the Freshman Class as may desire be permitted to return home after the completion of their final examinations, and before the beginning of Commencement.

ed

22. I recommend that certificates of merit, not to exceed two in any one year, be awarded by vote of the Faculty to farmers in South Carolina who have rendered distinguished service in the agricultural development of the State, - certificates to be signed by the President of the Board, the President of the College, and the Director or Dean of the Agricultural Department.

23. I recommend that any balance remaining to the credit of the Board of Health, due to the charge of 50¢ per month for sanitary service, dating from April 1913, be paid back to the contributors, and that the monthly payment be reduced to cost as estimated by the Board of Health, and be collectable with the house rent.

24. I recommend that the President be authorized to sign the following memorandum of understanding with the Honorable Secretary of Agriculture of the United States.

(See Exhibit A Attached.)

25. I submit for your consideration the following memorandum of understanding with President Johnson of Winthrop College, and request your approval of same.

(See Exhibit B Attached.)

26. I recommend that the use of the \$10,000 arising under the Lever Act for the fiscal year beginning July 1, 1914, be left in the hands of the President of the College in consultation with Messrs. Harper and Long.

27. I recommend that the community of stores at the edge of the campus be permitted to install a hydrant on their premises, connecting the same to our water system, - provided they pay an annual rental of \$24.00, payable semi-annually in advance for the protection of said hydrant, and with the condition that the hydrant is to be used only in case of fire, and that the College is at liberty to terminate this agreement at any time by re-imbursing the owners of the hydrant and line for their outlay.

28. I recommend that the hold-over members of the Ways and Means Committee of the House, and the Finance Committee of the Senate

(h)

be invited to visit the College sometime during the fall, at the expense of the College.

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SUGGESTIONS.

I ask your consideration and discussion of the following matters -

- (1) ~~The continuance of the Cadet Encampment at the State Fair.~~
- (2) ~~The continuance of day cadets in College.~~
- (3) The plan of demonstration work with negroes proposed by Mr. Long. (See letter)
- (4) The plan of Textile Work proposed by Prof. Doggett. }

not presented

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