PERIODIC REPORTS
TO
THE BOARD OF TRUSTEES
1962

These periodic reports to the Board of Trustees include the agenda of Recommendations and Board Committee Reports as mailed to members of the Board in advance of each regular meeting of the Board. They also include the agenda for special meetings if outlined in advance, special reports on certain items as mailed to all members of the Board, and periodic financial reports as distributed to members of the Board in the interim between meetings. The dates given on the tab guides indicate the dates of regular meetings of the Board, and, in some cases, the dates of special interim reports to the Board.

G. E. Metz, Secretary

PROCEEDINGS
of A Special Luncheon Meeting of
The Board of Trustees
in honor of
ROBERT MULDROW COOPER
The Palmetto Club
Columbia, South Carolina
January 18, 1962

PROGRAM

Toastmaster	Robert R. Coker
Invocation	Jack K. Williams
A Tribute to R. M. Cooper	James F. Byrnes
Presentation of Gift	Edgar A. Brown
Four Decades of Service	Robert C. Edwards

MENU

Fresh Fruit Cup Supreme

Top Sirloin of Beef

French Cut Beans Almandine

Duchess Potato

Tossed Green Salad

Sparkling Burgundy

Rainbow Parfait -- Coffee

Present at The Luncheon, January 18, 1922

In honor of Robert Muldrow Cooper . . . . . .

Frank J Jervey
Mel Wilson
Alex Quattlebaum
Bob Coker
Lois Coker
James F Byrnes
Maude B. Byrnes
Bob Edwards
Louise Edwards
Harvie Cooper
Lillian H. Cooper
Charlie Jameson
George F. Meenaghan
Walter T Cox
Jack Williams
Gus Metz

Anne Jervey
Daisy Wilson
Lou Quattlebaum
Margaret Quattlebaum
Paul Quattlebaum Jr.
Jessie Self
Jim Self
Helen Smith
Winchester Smith
Robert L. Stoddard
Betty Stoddard
W. Gordon McCabe Jr
Margaret Williams
Mary Cox
Wm L. Watkins
Irene Metz

PROCEEDINGS

As Transcribed from a Tape Recording

MR. COKER: Ladies and Gentlemen, it is my honor today to act as toastmaster for this very fine auspicious occasion. I am sure that our honored guest has, so to speak, smelled a rat, and has gained some inkling as to what this meeting is all about today. Forty years ago today, January 18, 1922, almost within the sound of my voice here, there occurred an event that was to have a tremendous and beneficial influence on the advancement of education and progress in our state. On that day, our good friend, Mr. Bob Cooper, was elected to the Clemson Board and we couldn't think of any nicer way to honor him than by having these charming and attractive ladies with us today. That explains their presence here, Bob. (Applause)

I am not going to try to say a lot about Bob, except to say this -- that I have known him for a long time and if there is anything he ever did that wasn't the most honorable and finest, just as it should be, I would be the last person to tell it on him. (Applause)

I believe everybody is well served and we are ready to proceed. I have been trying to figure out why the committee on arrangements selected me, a freshman member of the Board, a former Carolina man, for this signal spot of honor today and I figured there were two reasons for it. One is, of course, that our honored guest had the misfortune as I did to have gone to the University and the other is that, perhaps, if I flubbed this job of being toastmaster today they would say, "Well, he's just a Carolina man", but if I did all right, they would say,"Well, he's a Clemson Trustee" -- so they had it made either way.

This year is a very significant year in the life of our good friend and honored guest today. Of course, I have mentioned already the fact that today as we all know is the fortieth anniversary of his election to the Clemson Board. On the seventeenth of April, he and his charming lady, the former Miss Harvie Hull of Savannah, will have their fiftieth wedding anniversary and on the 25th of February Bob will be fifty-five -- seventy-five years old. So I think it is a very fine year for us and for them and we certainly extend our most cordial good wishes for a happy year and a healthy year. This gracious lady, of course, like all gracious ladies, has always contributed profoundly to the success and happiness of her husband, and she is not only gracious but she also has a great deal of common sense, which is sometimes referred to as horse sense, and they say a lady that has horse sense never turns into a nag. (Laughter)

I mention the fact that Bob is a real Southern gentleman and I think that I can prove that point by -- if needed proving, which of course it doesn't -- by an occurrence that took place some years ago, but before I say that, I want to mention the fact that one of my father's good friends, Colonel Darlington of Allendale County, once said that no gentleman was ever born above Tidewater. Bob is an exception to that rule because he was born above Tidewater. The Colonel said another thing that was very interesting. They wanted to build a hotel down in Allendale and the Colonel opposed it because, he said "If somebody comes to town and is a gentleman, he can stay at my house, and if he's not we don't want him anyway." (Laughter)

That's the reason there is no hotel in Wisacky, because you know Bob is most hospitable to people. The story that I started to tell is a true occurrence that happened and Bob told this on himself some years ago. When he was running for public office in Lee County, and he and his charming wife were in New York together, she became sick. They were having a political campaign at homeand she finally prevailed upon him to go back down to Lee County to put in an appearance at a very important campaign meeting. He got on the train and had the last berth and then he saw this old lady there who would have to sit up all night because there were no more berths left. So he very graciously and generously gave her his berth. The next morning when he got home he went to the telegraph office and sent Harvie a telegram which said, "Gave berth to old lady last night and not feeling so well today." (Laughter)

While Bob was Collector of Internal Revenue the new tax form number 1040 was developed and most of us recall up in the right hand corner of the tax form they have a little block that says, "Do not write in this space." So in a very few days after those tax forms were distributed the Internal Revenue Office reported that they had gotten over 5,000 of those forms back filled out with pen and stub pencil, and all like that, by people all over South Carolina stating, "I write where I darn please." (Laughter)

Well, we have a lot of independent minded people in South Carolina and I think that is one of the wonderful things about our state. The gentleman that I am going to present to you now is not only noted for his independence of thought and action, but he is also a very close personal friend of our honored guest. He has had a distinguished career in politics and public life. I believe that, of the honors he has received, the two he thinks most highly of are his being a life member of the Clemson Board and his having served as Governor of South Carolina. This man loves South Carolina and he is a very, very great admirer of our honored guest. At this time I want to present Governor James F. Byrnes who will express to Mr. Cooper the esteem and regard in which we hold him and our appreciation for his forty years of service to Clemson and the State of South Carolina. Governor Byrnes.

GOVERNOR BYRNES: Mr. Chairman, and Clemson friends, I dictated what I want to say this morning in order to assure you and comfort me, or comfort you and assure me, that I would not talk more than ten minutes. I may not go that far because the lights here were, I am sure, designed in this room by a woman and not by a man. (Laughter)

Most of the women that I know never did read, "Let there be light." (Laughter)

I esteem it a happy privilege to be asked to comment upon the four decades of service Bob Cooper has given to Clemson and to South Carolina.

I shall not refer to the detailed service rendered by him through the years because each of you will be given a copy of what is called, "A Document Assembled in Appreciation of Robert Muldrow Cooper, the man we honor on January 18, 1962."

This splendid document is an interesting presentation of the progress made by Clemson College and the development of the agricultural economy of our state during the changing agricultural conditions of the last forty years.

No history of our agricultural progress during these years could be written without recording the contribution made by Clemson College. And no history can be written about the contribution by Clemson during those years without recording the faithful and efficient service rendered by Bob Cooper.

Some man of discernment, writing in The Tiger of January 25, 1922, reported the election of Mr. Cooper to the Clemson Board of Trustees, and he made two interesting statements. First, he described Mr. Cooper as "an old Carolina man". That was news because it was surprising that a Legislature including friends of both Clemson and Carolina should so overwhelmingly elect a Carolina man to the Clemson Board.

Then The Tiger, after referring to Mr. Cooper as being one of the largest planters and dairymen of the State said, "The election of a man prominent in agriculture to the Board of Trustees is a wise move on the part of the Legislature, and Clemson should profit from his election." It has so profited.

That writer was a man of good judgment as well as foresight. He had good judgment because it was intended originally that Clemson should be the agricultural college of South Carolina, and greater emphasis was given to agriculture in its earlier days. It is extremely fortunate that, in my opinion, when today we have as President a dynamic man with experience in the textile field, we can have as President of the Board of Trustees, a successful dirt farmer.

Bob Cooper has proved during his career his interest in the textile field, but no one who knows him can doubt that above all else, he is a farmer.

The chronological statement of his service to the State during four decades will indicate his temporary service in developing industry, as well as his service on the Santee Cooper Authority, but always there follows the notation that he returned to farming.

The trustees will recall his telling us only a few months ago of a trip he had made with a group of farmers to Saluda and other counties to visit certain farms which were believed to have adopted modern methods. As he described with enthusiasm the vastly improved methods of mechanized agriculture, I knew that whatever else he did in his life his heart was still back on the farm at Wisacky.

However, his success as Director of the Development Board in bringing industries to the State demonstrated he is a versatile man. I was in position to know that in his service as United States Collector of Internal Revenue he rendered exceptional service. That was no easy task. Nobody likes the tax gatherer. But Bob Cooper could take your tax money and almost make you like it. He could do this because of his attractive personality. He loves people. This also accounted for his success in the field of politics. He served with distinction in both the House of Representatives and the State Senate.

In all the offices held by Robert M. Cooper, the breath of scandal never tarnished that name.

In addition to his ability and good looks, he has good manners. This is no little asset to a man in business or in politics. It was easy for me to observe how salable were these assets. He often came to my office in Washington where I had a staff of young ladies. He was a favorite with them and they only regretted he did not find it necessary to visit me more frequently.

In those earlier days Harvie would have been justified in accompanying him on all his trips. However, she kept him on a leash -- not of leather, but a leash of love.

I am sure she will admit today that during the four decades her husband has been with Clemson she has been jealous -- not of another woman, but of Clemson College. In this she was justified. In good weather and bad weather, Bob has left home to attend meetings of Trustees or to attend conferences with the administrators of the College. At personal sacrifice of time and money, for forty years he has given his talents and his energies to Clemson College and to South Carolina.

Bob, we cannot pay you for that service in money, but we want you to know that your early indiscretion in being "An Old Carolina Man" is entirely forgiven by the trustees of Clemson College, and as long as you and your Harvie shall live, you will have the affection and love of all true friends of Clemson.

And now as long as I see that all of the wine hasn't disappeared, I ask you please to rise and join me as I propose a toast to Harvie and Bob Cooper, "May they both enjoy good health and true happiness through all the many years I hope lie ahead of them".

MR. COKER: Thank you very much, Governor Byrnes, for that very tasteful and wonderful tribute.

I have here two messages. Bob, I have to plead guilty to opening your mail and telegrams. Sorry to have to do it but the occasion demanded it. This is a telegram which just came in while we were seated at lunch: "Mr. Robert M. Cooper, c/o Palmetto Club here in Columbia. Felicitations and congratulations to the college on your passing this noble milestone of service." Signed T. Frank Watkins. I have another message here addressed to the Honorable Robert M. Cooper, Chairman of the Board of Trustees of Clemson College: "My dear Bob, First let me express my deep regret at not being able to attend a luncheon in your honor today. Unfortunately I have some substantial commitments in New York of interest to our company which I hope will be of great importance to South Carolina in the future. It is indeed fitting that your fellow trustees of Clemson College and many of your other friends are today paying tribute to you for forty years of outstanding service not only to Clemson College but also to the state of South Carolina. Mickey joins me in expressing to you our appreciation for your great work and strong leadership through the years and in sending to you our affectionate regards together with our best wishes for many more happy, active years. With sincere personal regards, Sincerely, Charlie." Charles E. Daniel. (Applause)

And now it is my pleasure and privilege to present a gentleman who, of course, needs no introduction to a South Carolina or Southern audience for that matter. A long time associate and admirer of our honored guest, having served twenty-eight years with him on the Clemson Board, this gentleman has many distinctions but perhaps the greatest has been his wonderful contribution to the fiscal stability of South Carolina.

However, it seems that the prudence and financial conservatism that he has shown in public affairs has not always carried over into his private life as witnessed by this clipping from the New York --- from the Charleston News and Courier the other day (laughter) entitled, "Generous Senator Brown Hoodwinked Beaufort." (Laughter) "Beaufort, South Carolina -- Senator Edgar A. Brown acquired a fleeting reputation here recently for his generosity. Several needy persons received checks signed Senator Edgar A. Brown. The largest charitable donations were $2,000 and $1300. Checks with the same signature totaling about $60 were cashed by local business establishments." (Laughter) So you see most of his money goes to charity and a very little for himself. (Laughter). Of course, it goes on to relate how this happened. It shows that the Senator's reputation is so widely known that somebody who even purports to be Senator Brown can get checks cashed for $2,000 away from his home town.

Senator, in addition to that generosity on your part, I notice you have many outstanding characteristics. One is for the great thoroughness with which you have always prepared your legal cases. I recall a story that Bob Cooper told me about your early days in the practice of law about a case where this family had become involved in a wreck between a train and an automobile, and unfortunately all the family but one little boy was killed. The little boy was thrown out on a sand bed and survived. Senator Brown, of course, was representing the family of this little boy in the case against the railroad and he called the boy to the stand. Senator Brown brought him up to the stand and said, "Son, tell the court your name." The young man said, "The bell didn't ring and the whistle didn't blow." (Laughter) Senator Brown said again, "Tell the court your name." The boy replied, "The bell didn't ring and the whistle didn't blow." (Laughter)

It is a great pleasure to present to you our distinguished friend and long-time member of the Clemson Board of Trustees, a close personal friend of Bob Cooper, who has a very pleasant duty to perform. Senator Brown. (Applause)

SENATOR BROWN: Mr. Chairman, Governor Byrnes, Members of the Board, Ladies and members of the staff, before I enter upon the performance of a little chore which has been assigned to me I want to tell Bob Coker that the FBI, SLED and some other people are looking for that Senator Brown who was go generous. (Laughter) I am afraid, governor, if they ever catch him it's going to be one of my old flunkies from around our old town, and I am afraid I'll probably have to bail him out again to save my reputation. (Laughter)

I have come to do something that I am sure Bob Cooper would gladly do for me if the situation were changed around. You know I don't call Bob "Robert" or "Bob". He and I have a more affectionate term for each other. I call him "Mr. Cooper" and in turn facetiously he calls me, "Mr. Brown". That connotation means more than "Bob" or "Edgar" and means a very close, almost life-long affection. I will tell you a little story about that a little later.

The reason I say that I am doing for Mr. Cooper, or our beloved Bob Cooper, what I am sure he would gladly do for me in other circumstances, was illustrated about three years ago when a distinguished group of leading citizens of the state gave me a testimonial dinner - something about fiscal affairs, Robert Coker, about which I don't know nearly as much as I get credit for. At any rate there were several hundred - five or six hundred - good people there and as the party went on I saw Bob Cooper and Harvie there. I knew that Bob had been sick and under Heyward Gibbs and was confined at home under instructions to stay at home until Heyward Gibbs found out what was the matter with him. He was a sick man, and he looked bad that night. I didn't get to speak to him during the party but the next morning as Annie and I were checking out along comes Bob and Miss Harvie and I said, "Mr. Cooper, I appreciate your having come from a sick bed because I know you have been at rest under your doctor's orders and for this occasion I know that you made an extra-ordinary effort to come but I am sorry to see that you put yourself to that much over-exertion."

Bob took my hand (cough) (I am not sentimental to that extent - my voice is bad). Bob took my hand and gave me the warmest hand clasp, one of the warmest I've ever had in my life, and he said, "Mr. Brown, I wouldn't have missed it." He said, "Now, Harvie, come on let's go to Wisacky." (Laughter)

I appreciate that because I know Bob Cooper has more tenacity and more courage and has shown it through the years than the average man. I remember my first official meeting with him. I had known of Beautiful Bob, as the ladies around the state house called Bob, and I can say before Harvie after all these years that the clerks and attachés thought Bob very handsome and he was one of the handsomest men in the state. He and Proctor Bonham used to go around together and everybody used to say what handsome

fellows they were. Proctor was in the Senate then, Bob, and you were in the House. But when I went there in 1921, elected in 1920, Bob was an old man. You know Bob is much older than I am. I ought to refer to him not as my contemporary but as old Mr. Cooper. (Laughter)

He is actually 18 months older than I. He has always been just ahead of me -- coming to the Legislature, getting on the Board of Visitors, being an elected trustee, and getting on the life Board. He has been two years ahead of me in just about everything. But, through it all we have been contemporaries and I don't think I have had a friend I have trusted more or who trusted more in me than Bob Cooper. I told Harvie over there a while ago that he was one of the men (You know I cuss a lot, being a Methodist not a Baptist, I cuss and if I explode or somebody makes me mad I say things I oughtn't to say and then I am sorry for it the next day.) I told Miss Harvie that Bob Cooper is one of the fellows in public life that I have been associated with for four decades that I never saw get out of sorts, call somebody a bad name, raise his voice or cuss. She said,"Well, he knows how to cuss and if I were you, I wouldn't say that." (Laughter)

In the first session of 1921, I had been an elected member and Bob was an old man in the Legislature then (having served a term) and was an old man in the administration. Anyhow, he was serving his second or third term and I remember one night that, and he'll probably remember it, too, although as we get older we can't remember some of the things -- details that we used to remember. There's always a flush and a rash of people in a state or in the Legislature coming up and wanting to have, for instance, a referendum on going dry. That's not what this is about -- there's a rash of that now. But, there was a rash then of people who wanted the constitutional convention. Theyhave that every now and then, Bob. And I had good reasons to believe that that was not the proper time to have a constitutional convention because one in 1895 was written by the Tillmanites. At that time some other ites might have written the constitution. I have good reason to believe that the constitution oughtn't to be written at a convention like a Democratic or Republican or any kind of political convention. It ought to be written like it is done in most of the states over a period of the last years by another method, appointing judges, laymen and businessmen to sit down and figure it out and submit it to the Legislature and then submit it to the people. That is what came up that night. I made my first, my maiden speech, against Claude Sapp and the others who were there that night as I see the names of them here. They wanted the constitutional convention come H____ and high water and I had a different view but knew little enough about parliamentary conduct and thought that I shouldn't speak the first session in 1921. They had a night session and the crowd was gathering and I could speak - I had more voice then than I have now and more energy, too. After everybody else had gone off they were fixing to have a constitutional convention. I rode on the back seat close to 109, your original seat when you went there two years before that. I looked that up on you, too. I went forward and made what I thought was a forceful, certainly a loud, if not, intelligent (laughter) speech against the danger of having a constitutional convention by factions loose in that year.

I spoke at great length and for good reason I convinced most of the people who probably didn't know any more than I did - newcomers and countrymen, and they killed the bill -- the joint resolution to call for a constitutional convention. And I have killed them ever since. It comes up about every ten years. I make the same speech and the constitutional convention dies down. But that night we had a habit as Legislator do (I doubt if they do it now if any of you fellows are in the Legislature - Winn Smith used to do it at the Blue Goose) of going out and eating big steaks. The only place we had to talk, Mr. Cooper, if you will remember, was the Kentucky Club on Assembly Street. Sometime they ran a half bar room and cooked big steaks up on the third floor over a livery stable downstairs. We all walked up the three flights to get these steaks and we had a little Green River with us. We talked and they all jumped on me, and I think Mr. Cooper who was persuaded probably by the other side - I don't know how Bob voted on the constitution and it doesn't make any difference. I remember this - that big mouth Sapp as we use to call Claude and some of the others - Frank Watkins was in the Senate and came to join us - who wanted the constitutional convention and I had killed it, were giving me a good going over while we were having a good time trying to eat those Kentucky Club Steaks. I remember in his gentle voice (I've never heard him raise his voice but Harvie says he does and cusses, too) that night Bob said, "Now fellows, don't be too hard on Mr. Brown. He may be right." I said, "Thank you, Mr. Cooper." From then on it was "Mr. Brown" and "Mr. Cooper."

Now I come to the very pleasant duty which is mine to perform -- to say a word about his legislative career and my association with him. There is little I can say actually after the eulogy which has been pronounced upon him by the distinguished former Governor, citizen and member of our Board, Governor Byrnes and all the fine things that you know about him. I can't help adding a word. He is the only gentleman farmer I know that has carried polish. He was born with a silver spoon in his mouth on a farm. That's a difficult thing to be done. His daddy was not a poor buckra. A thousand acres of land and one of the real big fine gentlemen of this country - Mr. R. M. Cooper, Sr. Bob was polished - he grew up that way. When he went to the Legislature according to the record in 1919 the first (true to being a countryman -- You can take the man out of the country but you can't take country out of the man or his thinking) bill that Bob ever introduced was to put a tax on stray dogs. (Laughter)

The next year he introduced a bill to curb the spread of the hoof and mouth disease. (Laughter)

And the next bill he introduced in the same year, which was showing that he was growing in stature, was to regulate and reform the housing of cotton and storage warehouse crops for the farmers of this state. That was the first major step in legislation that Bob took and from that time on, whether he was a member of the Legislature or on the outside, wherever he was - at Santee Cooper or as head of the Development Board or as a private citizen. (I think he was Collector of the Internal Revenue when they put over the Bond Act which started the road program) Bob Cooper was one of those who had power by the gentle use of his voice to influence people and get things done and he never has missed an opportunity to do things for the betterment of South Carolina. I notice

that somebody said something about Frank Watkins a little while ago with reference to Bob, and I have forgotten what it was. I have the record here to show. It makes me feel a little bit gloomy and, Mr. Cooper, this record shows among the 44 Senators that were present and voting 41 of them voted for you. And there are only two of them living today -- Frank Watkins, and Bert Smith from Georgetown. You will be interested to know when you get a copy of this (and you will, too) knowing the people in this state as you and I do, that there were 124 members of the House of which I was a member. Winn Smith hadn't come along; then became one of the most powerful factors in public affairs in South Carolina for more than a decade -- two decades or more. A tribute to Winn. Sorry to lose him on the Public Service Commission as he is having to retire from it on account of health. As you look at this record (I say it makes us feel a little gloomy) yet I guess we ought to be a little proud of it because the Good Lord has spared me here for something, I told somebody the other day about myself. From what everybody has said here today we feel the Good Lord has spared Bob Cooper these three score years and ten and another half ten for the good things that he has done for the people of the state. Now in lieu of that newspaper clipping Bob Coker read there this morning about this Mr. Brown being down at Beaufort, not knowing how many good things if any I have done for the people, I suspect the Lord is leaving me here on account of some bad deviltry that I have been into which I have forgotten, and he is giving me a chance to get over it. (Laughter)

But whatever it is, Mr. Cooper, you and I should be grateful because as the psalmist when he was thinking aloud to the Lord said, "A thousand years in Thy sight is but more than a yesterday and not more than a thinking through the night." So that I always am impressed as to why we live. You have lived a long time and I didn't quote the psalmist exactly right. I read it not too long ago and I am always confused when I read the 94th psalm, the fourth verse, I believe. I keep a bible and a dictionary on my desk both which I read constantly and need. I enjoy them both. I wonder sometimes as you get old and meditate (Am I taking too long? I am going to quit in a minute) .....And meditate why we live on an earth that took hundreds of thousands of millions of years to create by the great Lord of us all. He put you and me on this earth and we are spared thirty, forty or fifty years at most to solve the most complex things that involve the very existence and continuance of human life upon the earth. I asked a preacher about that one day. I am not going to preach but he told me this: He said, "Well, Brother Brown, that just shows the ever-presence of a great God because He allows the man thirty or forty years to solve the problems which He has created for him over the hundreds of millions of years. But for His ever-present power he wouldn't be able to solve these problems." I verily believe in that. Now I come to do that which I was assigned to do and then I'll be through. I didn't finish saying that in this group of 141 (I meant to say right before I told that story) that there are only six of us alive today out of the 124 members of the House and two in the Senate that voted for Bob originally as a trustee of Clemson College. That's a very high rate of mortality and he and I and Governor Byrnes, and those who passed the alotted time the gracious Good Maker gave us, ought to be proud of this, and I am and I hope He continues to give Miss Harvie and Miss Annie and you and me continued years of service. Now I'll go around here - if you'll hand me those things, Bob. I didn't use these -- you see these notes. I long ago, Governor Byrnes, found out all these new creations aren't worth anything. (Laughter)

The voice goes bad on you. I remember fifteen years ago I had a terrible accident - fell in the bathtub and lost nearly 50% of the sight in one eye and 48% in the other and I went out there to see a local doctor. He looked around and probed in my eye and he said, "You have some disturbances in the eye like somebody hit you in the head with a baseball bat - some blotches in there. You aren't going to see any better and you aren't going to be satisfied with my telling you that. Here is a picture of what your eye looks like." And he said, "Now you go on up to Charlotte to Dr. So and So and run on up over to Atlanta to Dr. So and So and go to Baltimore to see Dr. So and So and go to New York and see Elliot Springs' doctor." He had eye trouble and he had gone up there. (John Stevenson) I went to all those places and spent about $2000 dollars -- finally wound up in Philadelphia with Gus Phinnel who is originally from Rock Hill, Head of the Medical College Department of "Eyelogy" or whatever it is in Philadelphia. He knew me through my relationship with John Stevenson. He looked it all over and said, "Just what they told you, Mr. Brown, is all true. That $15.00 doctor told you right, the doctor in Charlotte, the doctor in Baltimore, the doctor in Atlanta." He had the names of all of them and I told him to whom I had been. He said, "The only consolation I have got to give you is that you aren't going blind. I can give you a little reading glass that costs $1.50 or I can give you a $1000 one that you can tote around and you can always read if you have to." It really saves me a lot of time and worriation not being able to read and when you get a little worse off you'll find it's true. (Laughter)

He said, "The only consolation I can give you is that you are not going to get any worse but you are not going to get any better. From what Dr. Stevens tells me and what I know of your reputation down in South Carolina,(I go back to hunt down in Rock Hill every winter.) I think you've seen enough." (Laughter)

I have been satisfied ever since. I tote this little thing around and make somebody read something to me. And when I've got to make a memorandum I make it on the back of something if it's terribly big. I have a list of the fellows here that some of you would be interested in that have passed on - fellows of strength and character - in the Legislature. We had just as strong men in the Legislature back there when we were getting $200 dollars a year as we have now getting $1800 and maybe a $1000 expenses. Fellows like Gordon Baker, afterwards Chief Justice; Proctor Bonham, one of the distinguished lawyers of Greenville; Bob Butler, afterwards Lieutenant Governor; John Hart of York in the Senate; and D. D. McColl who married Jim Sheppard's sister. There were Shep Holder over in Edgefield; one of the great lawyers of Bennettsville, Jim Padgett - he was a man in the Senate I looked over. There were Tom Pearce of Columbia; Col. Alan Johnstone, Chairman of the Finance Committee then and Frank Watkins - men of that type of great ability and character and integrity. I'll say that that has carried down through the years. I've been in the Legislature 42 years and with rare exception have we found a speckled apple in the barrel. Most of them are dedicated men of high character and integrity who have intended to and have done their best to do a good job for the people of South Carolina.

Going back to Clemson College I don't have to tell you what Bob has done or what he and I tried to do together. I do know that when we were there in the early days the appropriation for Clemson College was a couple of hundred thousand dollars for teaching and now it's three million. We had a plant of $1,500,000 and now it's worth $30,000,000. He has been there during most of the progress that has been made from Walter Riggs who was the president when he went there to now. I went there later in 1934 right down through the dynamic leadership of the greatest of them all in getting things done - Bob Edwards. I am sure I have talked too much. (Applause)

And now to do the very pleasantest of the pleasant things that I can think of - that is to present to you, Mr. Bob, Mr. Cooper, a little gift - a beautiful solid silver humidor filled with your favorite Coronas, and I might say this: There are 15 brands of Coronas and we could only pick one. We have missed 14 of them. I hope we got the right one. (Laughter) Still they are Coronas.

It is inscribed with the etched signature of every member of the Board. It is something I am sure you will be pleased with and will be glad to hand down to those darling grandchildren of yours. I present it to you with a box of extra Coronas which you can swap back if it is not one of the 15 brands. (Laughter and applause)

MR. COKER: Senator Brown, on behalf of this group of your friends and associates I want to express our sincere appreciation for those very fine remarks and I also want to add,while I notice that you used a glass for looking at printed figures,that you use your natural eyes in looking at other kind of figures. (Laughter)

To tell a story about an old colored preacher who was very fond of turkey. Thanksgiving was approaching and he didn't have a turkey. He kept praying and the matter got to be of great interest to the congregation and the people would stop by and ask him if his turkey had come. Finally,the day before Thanksgiving, one of his friends was by and he looked out in his back yard and saw this fine fat goblin hen out there. He congratulated Parson Jones about having his turkey and said, "Well, the Lord answered your prayer." The preacher said, "That's right but I had to change the prayer just a little bit. Instead of asking the Lord to send me a turkey, I asked him to send me after a turkey." (Laughter)

The next gentleman who will participate in this program is a kind of person that doesn't wait for somebody to send him something. He does it or goes and gets it. He does it and does it well. He is none other than our esteemed president of Clemson College who, on behalf of the administration and all Clemson people every where,has an appropriate gift to present to our distinguished guest. President Edwards.

PRESIDENT EDWARDS: Thank you, Mr. Coker. Mr. and Mrs. Cooper, Governor and Mrs. Byrnes, Senator Brown, members of the Board and their lovely ladies and my associates at Clemson College. I am sure I feel at this point about like one of our associates who happens to be very close to the Coopers must have felt a few days ago. I don't know what one can say in my position

after having heard the wonderful tribute paid by Governor Byrnes and Senator Brown.

You know we have had some cold weather our way last week as most others did and Bruce Cloaninger, being a very thoughtful, considerate and generous person that he is, came by the post office early in the morning as Dean Howard Hunter had arrived to stop and pick up his mail. Dean Hunter is of the rather lazy type on occasion. He had scraped on his windshield and apparently made a hole about as big as a good fifty cent piece and he had driven that far and was going to get his mail. Bruce saw this hole and saw all the rest of this frost and he got very worried. Bruce is safety conscious. So he insisted to Dean Hunter that he clean this windshield and Howard says, "No, don't bother it. I am just going to the office and the sun will take care of it." In the meantime, Howard goes into the post office and while he is gone Bruce is going to fix him up. He says, "There is nothing to it. I've got this can of spray. You know science and technology have developed some really wonderful things." Bruce had one of these cans of frost spray that if you just even look at a windshield with it the frost is gone. So he started spraying Dr. Hunter's windshield and the next thing he knew instead of having a hole about this big, he didn't have any hole at all. Bruce couldn't figure out what had happened. Howard came back and was trying to recover this small hole. Howard gets on to the office and short time later Miss Dickerson, his secretary, looked out and ran to Dr. Hunter. She said, "You better come - somebody is out there and I don't know what they are doing to your car." Bruce was out there. He had all the paraphenalia he could get working on the windshield. What had happened - Bruce in his haste instead of getting his can of de-icer happened to get hold of a can of spray paint the girls had used to spray the Christmas tree. He had done a beautiful job of closing up that hole so he had paint remover and everything else he could get trying to get that windshield clear. Now I hope no body spoils that story because next week we are going to have a fertilizer meeting down here, and I want to to tell that story on Bruce and caution our fertilizer friends about watching him when he collects fertilizer samples.

Mr. Cooper, in a little brochure we have entitled "Four Decades of Service, 1922-1962", we have gone back through the records and sort of documented some of the things these gentlemen have been talking about, so when you talk to your grandchildren you can prove to them that it's true. I am not going to read this, of course, because time won't permit it and this story is so exciting that we have had copies prepared for each member of the Board. We are going to present you a copy of this brochure when the meeting is completed, but I would have to begin by saying not only to Mr. Cooper but to the entire Board membership, that the five and half years that I have been privileged to serve Clemson have given me an appreciation of what Clemson is and what the members of this Board have contributed over the years. I just hope that somehow and some way, when history is written, that my colleagues who are assembled here and I can look back on having contributed over these years a service of love and public service to the people of this state.

I am not going to be very modest in what I am about to say but I know it's true. I have talked to a lot of people at the other state institutions and I just know we at Clemson are the most fortunate people in the world in that we do, in fact, have a Board of Trustees. Some of the others have trustees that are in name only, and I would like to take this opportunity, Mr. Cooper, to say to you

and to everyone else how very grateful we are and how indebted we are for the perfectly marvelous support and leadership and guidance and dedication that the trustees of Clemson College have given to the institution and to the state dating all the way back to the very beginning of Clemson College.

On January 18, 1922, the President of the Senate asked for nominations for the election of three trustees, and your colleague from Lee County, Mr. Segars, nominated you and there were several seconding speeches. Out of a possible 160 votes cast you received 142 and led the ticket by a significant number. You were re-elected unanimously by acclamation on January 26, 1926, and again on January 16, 1930.

This little article in The Tiger on January 25, 1922 about the Old Carolina Man having been elected has been reproduced and is in this book. If you didn't see it back in those days, I am sure you will enjoy reading it. I am sure, too, that everyone here, who isn't familiar with the fact, will be interested to know that Mr. Cooper succeeded Mr. J. E. Wannamaker. He is the only member of the present life board who succeeded one of the original life trustees. Except for Mr. J. E. Wannamaker and Mr. W. W. Bradley, Mr. Cooper has served Clemson College through its Board of Trustees longer than any other individual.

In this book also are the Trustees who were your colleagues back in 1922 - all the gentlemen who have served subsequently - and your colleagues on the Board at the present time. Also included is a recapitulation of your service in various committee capacities and the fact that you have served as President of the Board since May 8, 1951. Through your Board membership, and all these functions you have exercised well, you and your associates have guided the administration of five of Clemson's eight presidents, beginning with Dr. Walter Merritt Riggs, through four decades of progress.

There are just a few simple statistics that I think you folks will be interested in. This will take only a minute. In 1921-1922, the academic year when Mr. Cooper was first elected to the Board, Clemson had 1,007 students. The current year we have 4,104. The total number of students admitted, by the best estimate we can derive, to Clemson prior to his election in 1922 was 8,700, and today the number stands at 41,841. The teaching faculty when you came on the Board numbered 78 and today it is 427. The regular four-year undergraduate curricula in 1921-1922 numbered 16, 7 of which were in the field of agriculture. Today there are 30 under-graduate curricula, of which 13 are in agriculture. Of course, we had no graduate program in those days. Today we have at the Ph.D. level 6 programs with the 7th beginning in September; at the master of science level, 23 with another to begin in September and additionally 3 other graduate programs -- the master of agricultural education, master of architecture and master of education.

On degrees awarded from 1896 through 1921, 1822 degrees had been presented and they were all bachelor of science degrees. In the next 10 years, 1,486 were awarded and the decade from 1932-1942, 2,613 and the decade from 1942-1952, 4,005. In the decade from 1952-1962 there were 4,792 and that doesn't take into account the group that will be awarded a week from this coming Saturday. This makes a total of 14,718 undergraduate degrees; 437 masters and 1 doctor of philosophy. We have 24 in the last program and will be awarding 3 next June unless something unforeseen happens. Financially, the annual budget for collegiate teaching and maintenance when you came on the Board amounted to $299,814. The current academic year or current fiscal year it is $4,464,883.

State funds for collegiate teaching and maintenance in 1921-1922 amounted to $131,988. Incidentally that was all fertilizer tax for all practicable purposes; 1961-1962, $3,405,000. The total annual budget in 1921-1922 was $1,120,000. For 1961-1962 it was $13,183,350. The first state appropriation other than fertilizer tax came to Clemson in 1923 for teaching and maintenance, $90,856. In physical plant growth in the decade from 1922-1932 nothing was added; in the next ten years a million and half dollars; the third decade $4,700,000; and the fourth decade, $19,405,000.

Senator Brown has indicated to you the value of the buildings estimated today and I won't repeat it. Public service annual budgets -- the Experiment Station - we were spending for agricultural research when you came on the Board $105,000. Today we are spending at the rate of $2,000,000; the Extension Service, $392,000 and it is now almost 2 and 3/4 million; Livestock-Poultry Health Service $69,000 to $275,000; Fertilizer Inspection and Analysis from $23,000 to $85,000 plus.

Your interest in agriculture has always been of prime importance and we have included just a few highlights of agricultural progress that I am sure will be of news to each of you ladies and of interest I hope. We have gone back to census data here which shifts up two years - the population in 1920 was 1,684,000 and in 1962, 2,383,000; the farm population in 1920 was 1,075,000 and now it is 345,000; the number of farms has decreased from 193,000 to 78,000; the average size of the farm has doubled from 64 to 117 acres; cropland harvested in 1920 was 5,397,000 and is down to 2,694,000 acres; tobacco acreage has decreased from 98 to 80,000 and cotton from 2,600,000 to 547,000. There are some others that I won't take time to read. The cash receipts from farming increased from $140,000,000 to $367,000,000 in 1960 and the figure is going to hit $400,000,000 this year I am sure.

Increase in unit yields has been just as exciting and here again, you can read and I am not going to take any time on it. But talking dollars, we find from 80,000 acres of tobacco, as opposed to 98,000, the increase has gone from $7,700,000 to $90,800,000 and will hit very close to $100,000,000 this year and so on down. In farm living, in 1920 2.6 per cent of our farms had electricity and today 98.2; telephones 5.7 and 35.4; automobiles 15.9 and 84.1. The horse and buggy is just about gone. Trucks went from nothing to 40%; tractors from nothing to 66% and hard surface roads - over half of our farmers now live on hard-surface roads.

The Clemson faculty through the Faculty Senate desires to express its appreciation and the appreciation of all of us in the form of a resolution which I would like to take this opportunity to read if you will permit me. I shall also read another resolution from the Educational Council adopted on January 8, 1962 in appreciation of Robert Muldrow Cooper. (President Edwards read the two resolutions as incorporated in "Four Decades of Service" - a document assembled in appreciation of the guest of honor). (Applause)

MR. COKER: I am sure I know how Bob feels. This is sort of like the old fellow telling his wife that he had a right much of a feeling of helplessness. It's sort of like being in cat hell without his claws. (Laughter)

I hope you'll pardon my feeble attempt at humor. I think if we hadn't injected a little of this into it, because of the fullness of our hearts on this occasion, it might not have worked out. To Senator Brown and Governor Byrnes, Bob Cooper, Bob Edwards, I want to say that an institution

that enlists the interest and energies of men like these cannot but move forward. So in closing my part on this program I ran across a little segment here entitled "Rewarding Dividend" written by Daniel Webster which I think, Bob, tells us of the enduring monument of your life through your service to Clemson College and to South Carolina. "If you work upon marble, it will perish; if you work upon brass, time will efface it; if you build temples, some say they too will crumble into dust; but if you work upon the souls of youth, if you view them with a human spirit, you instill in them a just fear of God and cause them to love their fellow man -- you engrave upon these tablets something which will last through all eternity." (Applause)

MR. R. M. COOPER: Bob, Jim, Mr. Brown, Bob Edwards, and these wonderful ladies and gentlemen who are here today, to say that I am overwhelmed is expressing it mildly and you can see that. I am ashamed to tell you, and I am very ashamed to tell you, that I was not suspicious of anything like this until yesterday afternoon. I met up with a man who didn't go to Carolina or Clemson and he said, "May I come to the convention tomorrow?" And I said, "What convention?" He said, "You don't know that they are giving you a convention?" So I went home and whispered something to my wife and she said, "Aw, forget it." She said if they do recognize you over there tomorrow don't say much. (Laughter)

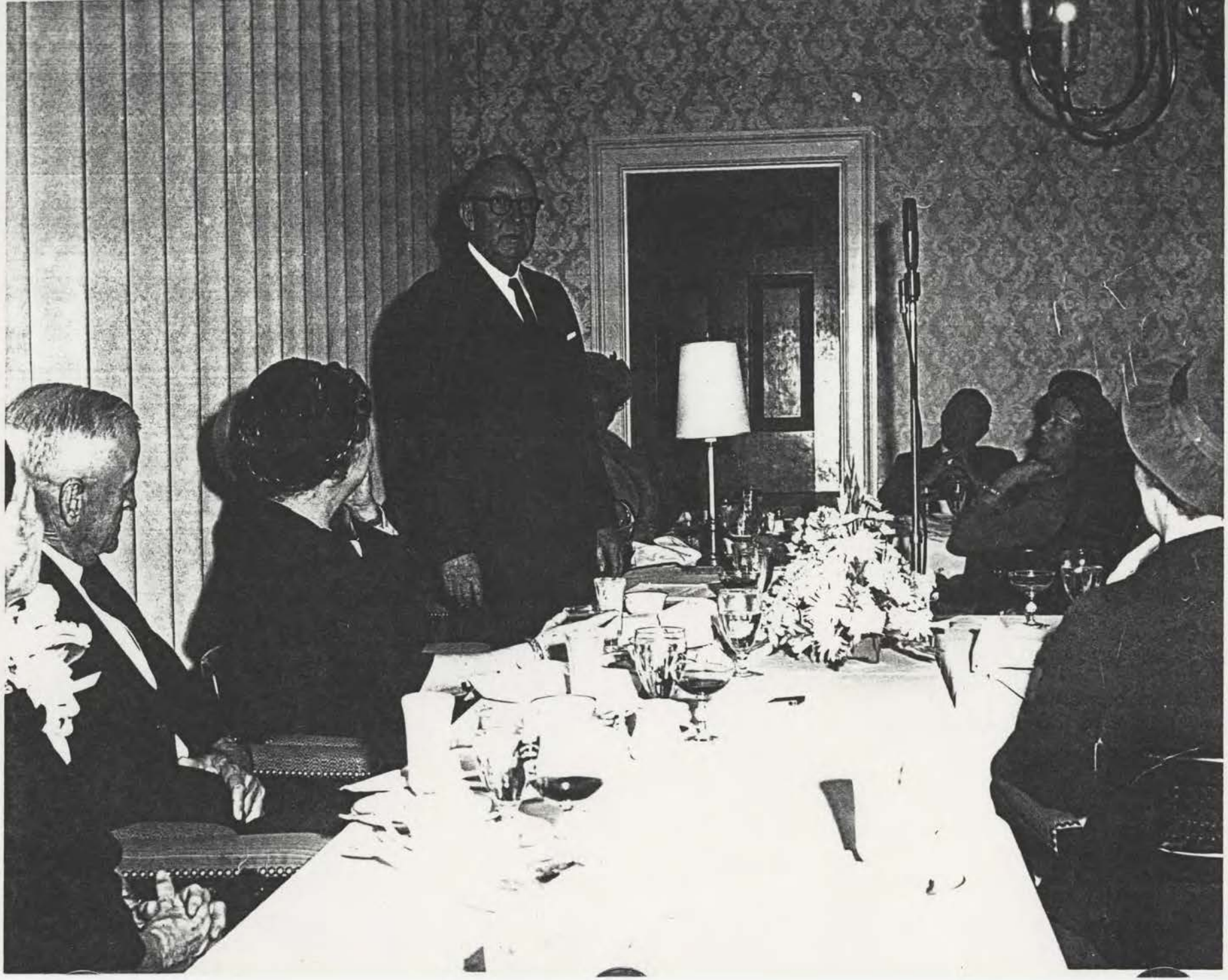
She said that whatever I said would be very poor (You know these wives are brutally frank) and "the least you say the better off every one will be." Well, I can't help but stop here and say to you, Jim, and Mr. Brown and to you, Bob, and all concerned especially to the wonderful women who have come to this -- shall I say party? -- to this party that I am truly grateful. I don't think that anything in the world is complete unless it is represented with attractive, thoughtful women and that's what we have here today. I know it. I haven't anything prepared to say to you. I did say this a little while ago to some group: I am fully aware that my youth has been spent. My get up and go has got up and went, and I don't mind when I think without regret what wonderful places my get up has been. (Laughter)

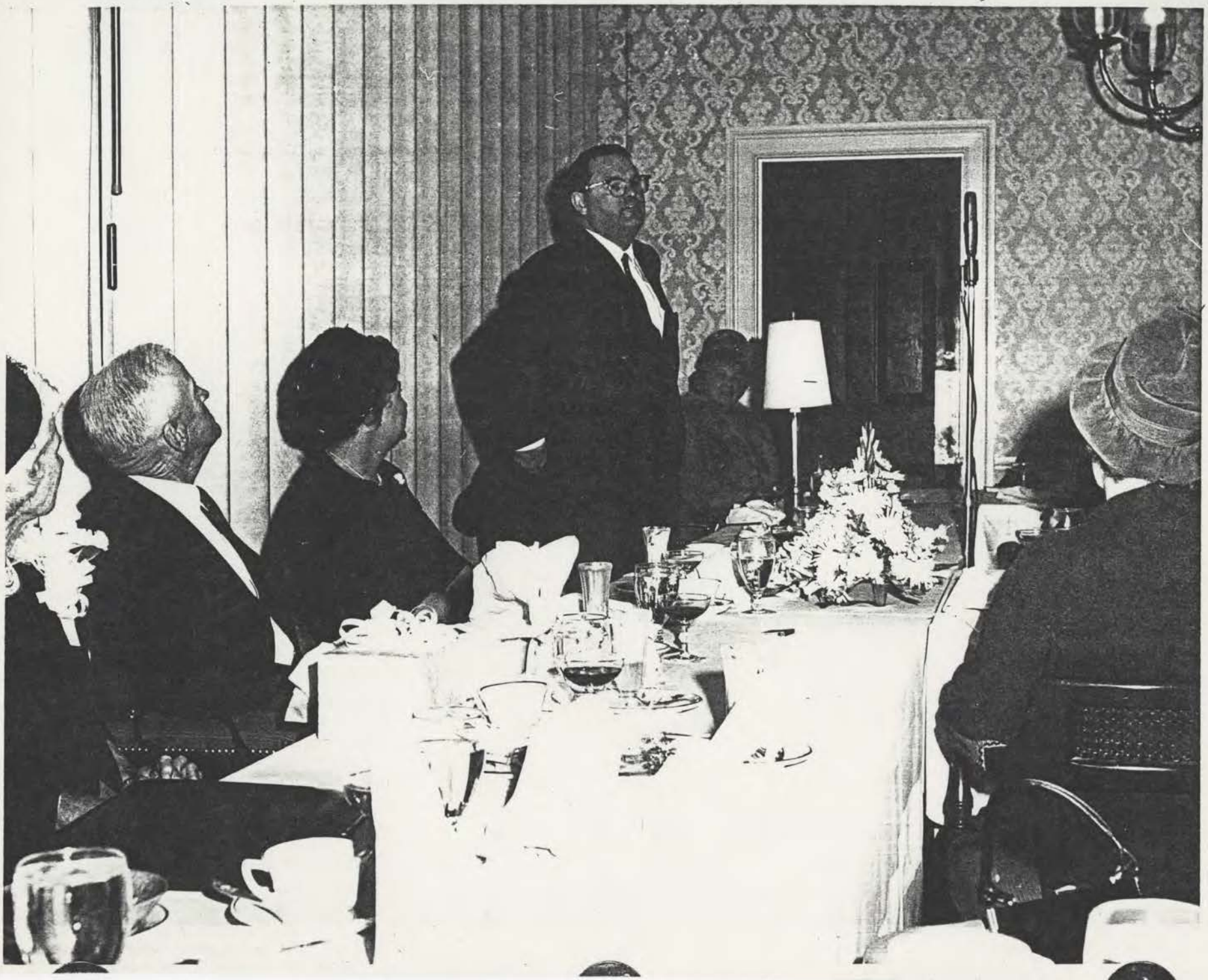
So I want to thank you for the help that you have given me, the inspiration that you have given me today; and I hope you fooled this person on my right to a degree (Mrs. Cooper). She has agreed to live with me another fifty years, and this is very considerate, having been with me fifty already. But I am more than grateful to you. When Fritz Hollings asked me at a meeting at Clemson College where we had three or four hundred people gathered - some of the greatest thinkers from the various states in the union - he said, "How is it a man from Carolina can come up here and associate himself with Clemson?" I thought maybe he would forget it but when I got up to go, he said, "Answer my question." I said, "All right, Governor, have you ever seen a puppy that was born with his eyes open?" He says, "No, I haven't." "Well," I said, "when mine got open I came to Clemson." (Laughter)

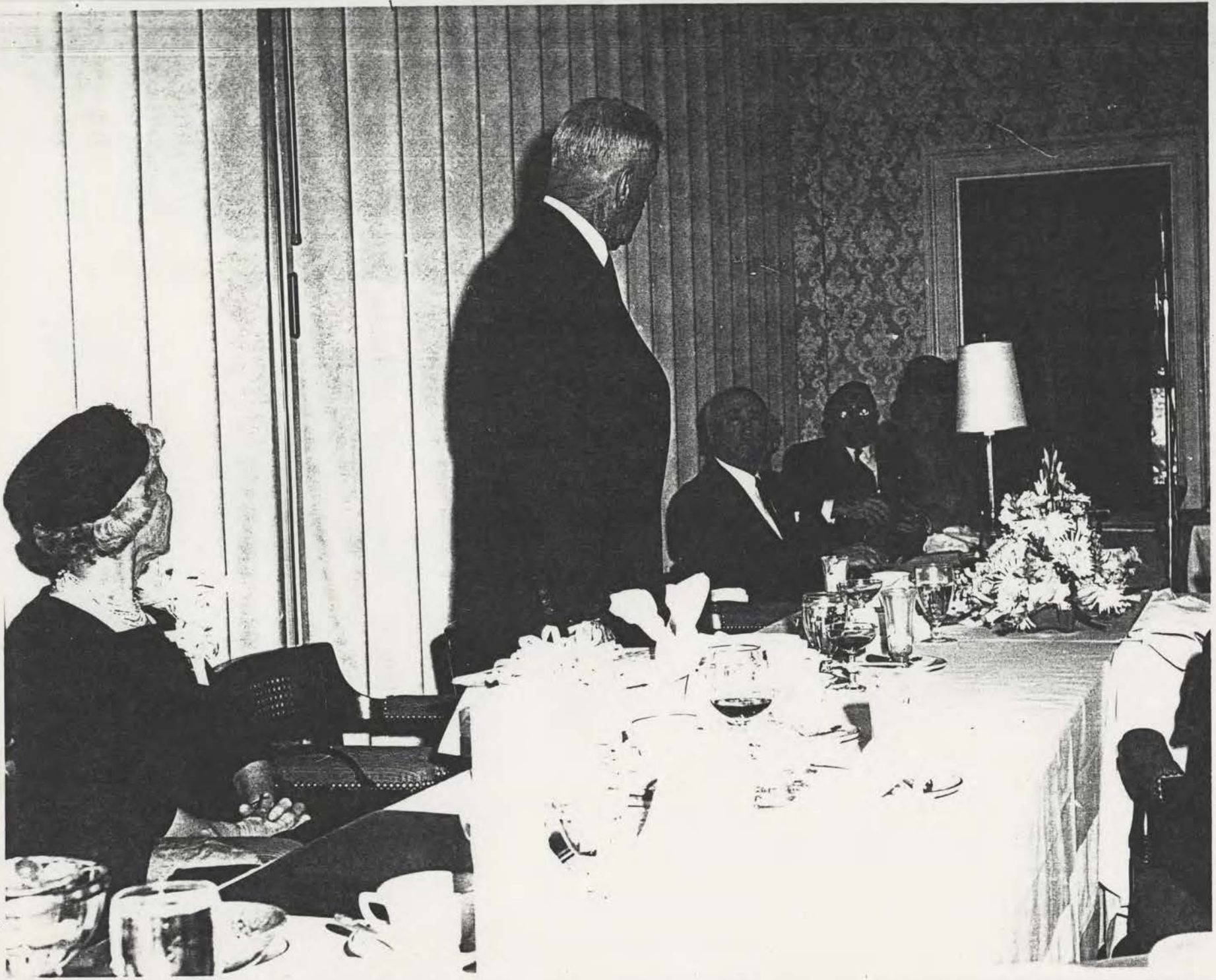
It's been very pleasant and certainly an inspiration. I want to say to you there's no industry any greater than that of agriculture. Some people raise a little question. Certainly agriculture is an industry. Webster says anything that is accomplished by work is industrious and an industry. I would think today that you would not have the industries other than agriculture

in South Carolina were it not for the fact that they can draw their labor from the farm. As long as that continues in South Carolina, we are going to have a right to award and reward the people who are good enough to come in here and cast their lot with us. I want to tell you again that this has been a wonderful inspiring thing for me -- marvelous! May I just read this little thing and then sit down. (I want to say to Mr. Brown, speaking of that silver spoon in my mouth -- with your shrewdness, I wish you could convert it to silver in my pocket. I would appreciate that very much). (Laughter)

As Elbert Hubbard said, "We are all fools until we know that in the common plan nothing is worth the making if it does not make the man. Why build these temples glorious if man unbuilded goes. We build the world in vain unless the builder also grows." And if I have developed anything in life, I want to say to you friends it is due to my associates, my love ones and those who have been willing to put up with me through life. I wish you would say to your faculty members, Bob, to your groups at Clemson how grateful I am for their recognition. How grateful I am to this group here today for what they have done for me. It has been inspiring. Maybe we can see the future with a little brighter light. Thank you very much. (Applause)







FOUR DECADES OF SERVICE

1922 - 1962

A Document Assembled

in Appreciation of

ROBERT MULDROW COOPER

The Man We Honor

January 18, 1962

First elected to the Clemson Board

by the Senate and House in Joint Assembly

Wednesday, January 18, 1922 . . . . . .

"The PRESIDENT announced that nominations were in order for three Trustees for Clemson College.

Mr. OWENS nominated Mr. J. J. Evans.

Messrs. ELLERBE and McINNES seconded the nomination of Mr. Evans.

Mr. SEEGARS nominated Mr. R. M. Cooper, Jr.

Senators H. L. SMITH and BASKIN and Messrs. McINNES, JACKSON and SHEPPARD seconded the nomination of Mr. Cooper.

Senator PEARCE nominated Mr. I. M. Mauldin.

Mr. J. O. WILLIAMS seconded the nomination of Mr. Mauldin.

Mr. MOON nominated Mr. J. C. Pepper.

Senator WATKINS nominated Mr. T. C. Shaw.

The PRESIDENT appointed as tellers on the part of the Senate: Senators Moore and Williams and Assistant Clerk Fowles.

The SPEAKER appointed as tellers on the part of the House: Messrs. Carothers and Ford and Assistant Clerk Hunter.

. . . . Wednesday, January 18, 1922 . . . .

The Clerk of the Senate called the roll of the Senate, and the Senators voted viva voce as their names were called.

* * * *

The following named Senators voted for Mr. Cooper:

Messrs. Bailes, Baker, Baskin, Beasley, Bethea, Bonham, Butler, Christensen, Crosson, Dennis, Duncan, Goodwin, Gross, Harrelson, Hart, Hubbard, Johnstone, Johnson, Kennedy, Laney, Lightsey, Massey, Mason, McColl, McGhee, Miller, Moise, Padgett, Pearce, Ragsdale, Robinson, Rogers, Jeremiah Smith, H. L. Smith, Jr., Watkins, Wells, Wideman, Wightman, Williams, Young.

* * * *

The Clerk of the House called the roll of the House, and the members voted viva voce as their names were called.

* * * *

The following named Members voted for Mr. Cooper:

Messrs. J. Buford Atkinson, Alexander, Allen, Amick, Anderson, Richard O. Atkinson, Babb, Bailey, Ballard, Barnett, Barnwell, Barr, Beacham, Binnicker, Blease, Bodie, Bradford, Bramlett, Britton, Brown, Bruce, Buckingham, Busbee, Carey, Carothers, Clinkscales, Coney, Connor, M. R. Cooper, Counts, Cox, Cunningham, Curtis, Dalton, DeTreville, Dickson, Dillon, Ellerbe, Faile, Folk, Ford, Foster, Gerald, Gibson, Glenn, Godwin, Greer, Gresham, Hamblin, F. Gentry Harris, W. R. Harris, T. J. Hendrix, Hilliard, Horton, Hughes, Hydrick, Jackson, Johnson, Kearse, Keller, Kennedy, Killingsworth, Lewis, Lybrand, Mabrey, Martin, McCutchen, McDavid, McElveen, McInnes, McKay, McLeod, McMillan, Merchant, Mitchell, Moon, Moore, Nance, O'Rourke, Owens, Pegues, Peurifoy, Prince, Pursley, Putman, Riley, Robinson, Sapp, Scarborough, Searson, Segars, Sellers, Sheppard, Sherard, Simonhoff, Smith, Todd, Wannamaker, West, Ashton H. Williams, Samuel T. Williams, Willis, Windham, Wolling, Paul A. Cooper.

. . . . Wednesday, January 18, 1922 . . . .

Total Number of Senators voting	44
Total Number of Representatives voting	116
Grand Total	160
Necessary to a choice	81
Of which Mr. Evans received	134
Of which Mr. Cooper received	142
Of which Mr. Pepper received	5
Of which Mr. Mauldin received	115
Of which Mr. Shaw received	81

Whereupon the PRESIDENT announced that Messrs. Evans, Cooper, and Mauldin having received a majority of the votes cast were duly elected Trustees for Clemson College for the term pended by law."

Reelected Tuesday, January 26, 1926 .....

".....with unanimous consent, the vote was taken by acclamation."

Reelected Thursday, January 16, 1930 .....

".....with unanimous consent, the vote was taken by acclamation."

An "old Carolina man"

According to The Tiger

January 25, 1922 . . . .

"LEGISLATURE ELECTS THREE TRUSTEES

The Legislature, which is now in session at Columbia, elected three trustees last week to fill the places of the three members whose terms had expired.

Mr. J. J. Evans an old Clemson man of Bennettsville was re-elected. Mr. I. M. Mauldin, who is a member of Clemson's first graduating class ('96) and a prominent banker of Columbia, was re-elected also. The third man to be elected was Mr. R. M. Cooper, Jr. of Wisacky. Mr. Cooper is an old Carolina man. He is one of the most influential men of his part of the state. He is one of the largest planters and dairymen of South Carolina, his famous herd of guernseys, the Mimosa Herd, being well-known all over the South and being returned winners wherever shown in competition with the best herds of the country. Mr. Cooper succeeds Mr. B. H. Rawl of Lexington who resigned on account of his going to California.

The election of a man prominent in agriculture to the Board of Trustees is a wise move on the part of the Legislature and Clemson should profit from his election."

Elected and Welcomed to the Board

As a Life Trustee June 21, 1935 . . . .

Succeeding J. E. Wannamaker, one of the original life trustees designated in the Clemson Will.

Having served earlier with M. L. Donaldson and J. E. Wannamaker, two original life trustees, and with Alan Johnstone, one of the original trustees elected by the legislature who was then serving as a life trustee.

And Who . . . .

Has served through the years with as many as forty of the sixty-eight other men who have served on the Clemson Board.

Has served longer than any other Clemson Board Member except J. E. Wannamaker and W. W. Bradley, and

Is the only member of the current Board who succeeded one of the original life trustees.

Whose Colleagues on the Board

span the entire life of the institution . . . .

Including those who served with him in 1922 - -

J. E. Wannamaker, Life Trustee, 1888-1935, and President of the Board, 1929-1935

M. L. Donaldson, Life Trustee, 1888-1924

Alan Johnstone, 1889-1893, Life Trustee, 1905-1929, and President of the Board, 1907-1929.

W. W. Bradley, Life Trustee, 1907-1948, and President of of the Board, 1935-1948

R. I. Manning, Life Trustee, 1909-1931

A. F. Lever, Life Trustee, 1913-1940

B. E. Geer, Life Trustee, 1922-1928

R. H. Timmerman, 1912-1928

H. C. Tillman, 1920-1926

W. D. Barnett, 1920-1932 and 1935-1940

I. M. Mauldin, 1906-1927

J. J. Evans, 1914-1930

Other colleagues through the years - -

Christie Benet, Life Trustee, 1929-1951, and President of the Board, 1949-1951

Paul Sanders, Life Trustee, 1926-1960

J. E. Sirrine, Life Trustee, 1928-1947

T. B. Young, 1932-1935, and Life Trustee, 1935-1960

F. E. Cope, 1926-1956

G. W. Speer, 1928-1936

C. B. Abell, 1928-1934

S. H. Sherard, 1930-1946

Ben T. Leppard, 1934-1938 and 1947-1957

J. B. Douthit, 1936-1956

W. C. Graham, 1938-1947

J. P. Mozingo, III, 1941-1947

J. F. McLaurin, 1947-1959

T. Wilbur Thornhill, 1947-1960

R. S. Campbell, 1956-1960

B. A. Leppard, 1957

And his colleagues on the current Board . . .

Edgar A. Brown, 1934-1947, Life Member, 1948 ----

James F. Byrnes, Life Member, 1941 ----

Charles E. Daniel, Life Member, 1949 ----

Winchester Smith, Life Member, 1954 ----

Robert R. Coker, Life Member, 1960 ----

James C. Self, Life Member, 1960 ----

W. A. Barnette, 1946 ----

Robert L. Stoddard, 1956 ----

A. M. Quattlebaum, 1958 ----

Paul Quattlebaum, Jr., 1960 ----

W. Gordon McCabe, Jr., 1960 ----

L. D. Holmes, 1960 ----

Who has served on the Clemson Board

through four decades as . . . . . .

Member of the Agricultural Committee, 1922-1934
and 1935-1951

Chairman of the Agricultural Committee, 1931-1934

Member of the Finance Committee, 1949-1951

Member of the Executive Committee, 1935-1951

Chairman of the Executive Committee, 1949-1951

And continues to serve as . . . . . .

President of the Board of Trustees, May 8, 1951 . . . .

Who through Board membership

Committee memberships and chairmanships

and as President of the Board of Trustees

has guided the administrations of . . .

President Walter Merritt Riggs

Acting President Samuel Broadus Earle

President Enoch Walter Sikes

President Robert Franklin Poole

President Robert Cook Edwards

through four decades of progress . . . . . .

Enrollment .....

1921-1922	1,007
1931-1932	1,247
1941-1942	2,349
1951-1952	2,788
1961-1962	4,104

Total students admitted to date .....

1921-1922	(Est)	8,700
1931-1932		12,720
1941-1942		20,743
1951-1952		29,777
1961-1962		41,841

The Teaching Staff* .....

1921-1922	78*
1931-1932	113*
1941-1942	183*
1951-1952	301*
1961-1962	427*

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*Number in the Catalog Faculty Lists, including full-time teachers, part-time teachers, and those dividing their time between teaching and research.

Regular Four-Year Undergraduate Curricula . . . .

1921-1922	1961-1962
	SCHOOL OF AGRICULTURE
Agricultural Chemistry	Agricultural Economics
Agricultural Education	Agricultural Education
	*Agricultural Engineering
Agronomy	Agronomy
Animal Husbandry	Animal Husbandry
	Biology
Dairying	Dairy Science
Entomology	Entomology
	Food Technology
	Forestry
Horticulture	Horticulture
	Poultry Science
	Pre-Veterinary
	SCHOOL OF ARCHITECTURE
Architecture	**Architecture
	SCHOOL OF ARTS AND SCIENCES
	Applied Mathematics
General Sciences	Arts and Sciences
Chemistry	Chemistry
	Industrial Management
	Physics
	Pre-Medicine
	SCHOOL OF ENGINEERING
	*Agricultural Engineering
	Ceramic Engineering
Chemical Engineering	Chemical Engineering
Civil Engineering	Civil Engineering
Electrical Engineering	Electrical Engineering
Mechanical Engineering	Mechanical Engineering
Industrial Education	Industrial Education
	Industrial Engineering
	SCHOOL OF TEXTILES
	Textile Chemistry
	Textile Management
Textile Industry	Textile Science

*Jointly administered by the School of Agriculture and the School of Engineering.

** Five-year Program.

Graduate Programs . . . . . .

1921 - 1922

NONE

1961 - 1962

DOCTOR OF PHILOSOPHY

Agricultural Economics
Agronomy
Chemistry
Entomology
Physics
Plant Pathology

MASTER OF SCIENCE

Agricultural Economics
Agricultural Education
Agricultural Engineering
Agronomy
Animal Husbandry
Bacteriology
Ceramic Engineering
Chemical Engineering
Chemistry
Civil Engineering
Dairy
Electrical Engineering
Entomology
Horticulture
Mathematics
Mechanical Engineering
Nuclear Engineering
Physics
Plant Pathology
Poultry
Textile Chemistry
Water Resources Engineering
Zoology

MASTER OF AGRICULTURAL EDUCATION

MASTER OF ARCHITECTURE

MASTER OF EDUCATION

Degrees Awarded . . . . . .

	Bachelors	Masters	Doctors
1896-1921	1822	0	0
1922-1931	1486	2	0
1932-1941	2613	5	0
1942-1951	4005	54	0
1952-1961	4792	376	1
TOTAL	14,718	437	1

Annual Budget for Collegiate Teaching and Maintenance*. .

1921-1922	$ 299,814
1931-1932	400,888
1941-1942	679,721
1951-1952	1,892,303
1961-1962	4,464,883

State Funds for Collegiate Teaching and Maintenance*. . .

1921-1922	$ 131,988 **
1931-1932	213,720 **
1941-1942	262,985 **
1951-1952	1,530,000
1961-1962	3,405,164

Total Annual Budget . . . . . .

1921-1922	$ 1,120,018
1931-1932	1,464,784
1941-1942	2,582,102
1951-1952	6,948,811
1961-1962	13,183,350

*Prior to 1923, Teaching and Maintenance were supported entirely from Fertilizer Tax; Student Fees; Morrill-Nelson; Landscript and Clemson Bequest; Faculty Housing Rentals, and Light and Water Sales. The first State Appropriation for Teaching and Maintenance was in 1923, and was in the amount of $90,856.

**Includes Fertilizer Tax used for Teaching and Maintenance

Major Additions to the Physical Plant . . . . . .

1922-1931	None
1932-1941	$ 1,520,522
1942-1951	4,761,304
1952-1961	19,405,454

Estimated Value of Buildings . . . . . .

1921-1922	$ 1,121,557
1931-1932	2,043,797
1941-1942	3,638,714
1951-1952	11,181,908
1961-1962	30,245,000

Public Service Annual Budgets . . . . . .

Experiment Station . . . . . .

1921-1922	$ 105,380
1931-1932	216,714
1941-1942	388,172
1951-1952	1,377,083
1961-1962	1,988,002

Extension Service * . . . . . .

1921-1922	$ 392,424
1931-1932	452,028
1941-1942	690,644
1951-1952	1,519,894
1961-1962	2,726,324

Livestock and Poultry Health Service . . .

1921-1922	$ 69,228
1931-1932	56,355
1941-1942	48,550
1951-1952	145,150
1961-1962	274,568

Fertilizer Inspection and Analysis . . . .

1921-1922	$ 22,929
1931-1932	22,130
1941-1942	37,015
1951-1952	70,903
1961-1962	85,021

*Includes County Funds.

A Changing Agriculture . . . . . .

	1920	1960
Total Population	1,684,000	2,383,000
Farm Population	1,075,000	345,000
Number of Farms	193,000	78,000
Average Size of Farms in Acres	64	117
Cropland Harvested in Acres	5,397,000	2,694,000
Tobacco	98,000	80,000
Cotton	2,632,000	547,000
Corn	1,754,000	684,000
Oats (threshed)	196,000	336,000
All sorghum	17,000	36,000
Wheat	85,000	158,000
Vegetables for sale	16,000	63,000
Orchards, vineyards, etc.	24,000	69,000
Cash Receipts from Farming	$140,000,000	$367,000,000
All Crops	124,000,000	260,000,000
Livestock and Products	16,000,000	107,000,000

Increase in Unit Yields . . . . . .

	1920	1960
Tobacco (Pounds per acre)	675	1845
Corn - grain (Bushels per acre)	17	33
Cotton (Pounds of Lint per acre)	310	360
Soybeans - beans (Bushels per acre)	7	20
Wheat (Bushels per acre)	11	23
Oats (Bushels per acre)	23	30
Barley (Bushels per acre)	16	29
Eggs (Number per hen)	91	209
Milk (Pounds per cow)	3000	4920

The Farm Economy and Living Conditions . . . . . .

	1920	1960
Farm Products Sold		
Tobacco	7,700,000	90,800,000
Cotton and Cotton Seed	97,400,000	73,300,000
Dairy Products	4,100,000	25,100,000
Eggs	2,800,000	26,000,000
Broilers	2,100,000	9,400,000
Cattle and Calves	2,500,000	19,800,000
Hogs	4,300,000	19,100,000
Farm Forest Products	2,900,000	31,100,000
Peaches	700,000	11,600,000
Greenhouse and Nursery Products	500,000	2,300,000
Soybeans	-------	14,100,000
Percent of Farms Having		
Electricity	2.6	98.2
Telephones	5.7	35.4
Automobiles	15.9	84.1
Trucks	0.8	40.9
Tractors	0.6	66.0
Locations on hard surface roads	0.5	53.7

And so, MR. BOB COOPER,

we wish to express our appreciation . . . . . .

Luncheon Meeting

of

The Clemson College Board of Trustees

The Palmetto Club
Columbia, South Carolina

January 18, 1962

Toastmaster	Robert R. Coker
A Tribute to R. M. Cooper	James F. Byrnes
Presentation of Gift	Edgar A. Brown
Four Decades of Service	Robert C. Edwards

A RESOLUTION ADOPTED BY THE EDUCATIONAL COUNCIL

January 8, 1962

In appreciation of

ROBERT MULDROW COOPER

President of the Board of Trustees

WHEREAS, the members of the Educational Council desire to record officially their abiding gratitude for the unselfish service and effective leadership of Robert Muldrow Cooper, first elected to the Board of Trustees on January 18, 1922, elected to life membership on June 21, 1935, and elected President of the Board on May 8, 1951,

WHEREAS, as a member and chairman of the Agricultural Committee, a member and chairman of the Executive Committee, a member of the Finance Committee and as President of the Board, he has guided this great institution through four decades of progress, accelerated during this past decade of his leadership as President of the Board,

WHEREAS, under his leadership as President of the Board, the institution has been reorganized for effective progress, the physical plant more than doubled to meet the needs of an expanding service to students and the public, faculty participation in institutional policy making encouraged through effective organization, research and graduate programs developed, salaries increased, and continuous planning initiated for future development,

WHEREAS, his unselfish leadership has not been restricted to Clemson College alone but extended through the years to a progressive development of agriculture and industry in South Carolina, resulting in higher standards of living, the development of the economy, and greater resources and opportunity for education throughout the state,

BE IT RESOLVED that the Educational Council of The Clemson Agricultural College of South Carolina hereby makes formal acknowledgement of gratitude for the unselfish service and outstanding leadership of Robert Muldrow Cooper, President of the Board of Trustees, and that the Council collectively and individually, assures him of its profound respect, its sincere admiration and its cordial best wishes on the occasion of the fortieth anniversary of his first election to the Board on January 18, 1922.

FURTHER RESOLVED, that this resolution be inscribed in the minutes of the Educational Council.

G. E. Metz, Secretary

Robert C. Edwards, President

A RESOLUTION ADOPTED BY THE FACULTY SENATE

CLEMSON COLLEGE
CLEMSON, SOUTH CAROLINA

THE FACULTY SENATE

Resolution of Faculty Senate

In 1962 the Honorable Robert M. Cooper of Wisacky will complete forty years as a member of the Board of Trustees of Clemson College. First elected to membership by the legislature in 1922, he became one of the life members in 1935. This long and distinguished tenure has covered more than half of the entire history of the College.

Successful farmer, business man, and public servant, Mr. Cooper has through these forty years demonstrated an acute interest in those causes which would give his native state better government, better education, and a better standard of living. During a busy life that has included service in the state legislature, the office of Collector of Internal Revenue, and two separate terms as head of the State Development Board, he has dedicated himself also to the many duties which, without remuneration, so often fall upon a good and able citizen merely because he is a good and able citizen.

Not the least of these has been this long and brilliant service to Clemson College. Called to head the Board of Trustees during the past crucial decade, Mr. Cooper has approached his duties with vigor, decisiveness, and good judgment. Under his leadership has come almost astounding expansion of physical plant and growth of student body and faculty in both size and quality. There has been unprecedented, sustained effort to make faculty salaries respectable - not only, we feel, because such is good for Clemson in the long run, but also because it is just and right.

We, the Faculty Senate of Clemson College, and the academic faculty which we represent, salute Mr. Cooper upon this anniversary. We congratulate and commend him for a job so long and so diligently performed. We thank him for what he has done and is doing for the faculty of this College. We wish him continuing years of health, happiness, and accomplishment. The Faculty Senate does wish to be so recorded, both in its own journal and in the book being prepared for Mr. Cooper.

Unanimously adopted by the Faculty Senate of Clemson College in regular meeting on January 9, 1962.

S. M. Watson Jr.
Secretary of the Faculty Senate

G. F. Meenaghan
President of the Faculty Senate

AGENDA - RECOMMENDATIONS AND REPORTS

for the meeting of

The Board of Trustees
of
The Clemson Agricultural College

April 11, 1962

9:30 A. M.
Wade Hampton Hotel
Columbia

AGENDA FOR THE MEETING OF THE BOARD OF TRUSTEES

at

The Wade Hampton Hotel

9:30 A. M. - April 11, 1962

(Subject to Revision by the Board)

I. ROLL CALL

II. MINUTES OF THE MEETING OF NOVEMBER 10, 1961

III. RECOMMENDATIONS FOR CONSIDERATION

The recommendations for consideration of the Board are presented on the pages immediately following this outline of the agenda.

IV. COMMITTEE REPORTS

Reports of the Board Committees are presented herewith, following the tab guides for each committee.

V. ADDITIONAL ITEMS FOR CONSIDERATION

1. Report and recommendations of the Committee on Honorary Degrees

2. Additional recommendations on matters developing prior to the meeting

VI. DATE FOR THE JUNE MEETING OF THE BOARD

VII. REVIEW OF PRESS RELEASE ON BOARD MEETING

VIII. FINAL ROLL CALL VOTE

IX. ADJOURNMENT

RECOMMENDATIONS FOR CONSIDERATION

by the

Clemson College Board of Trustees

April 11, 1962

1. Powers of the State Veterinarian -- Proposed Change in S. C. Code of Laws

Statement: A Nation-wide Hog Cholera Eradication Program will begin in 1962. Since South Carolina has already taken many important steps toward this goal, this state will be looked to for leadership which the Poultry and Health Department proposes to assume in this important area. To further these efforts, it is necessary that Hog Cholera be designated as a reportable disease.

Agricultural Regulatory Committee Recommendation: It is recommended that appropriate steps be taken to have Title 3, Chapter 5, Article 1, Section 6-403 of the S. C. Code of Laws amended by the addition of the sentence, "The State Veterinarian may require to be reported to him any disease that may jeopardize the health of livestock or poultry", with this section as amended to read in full as follows:

> 6-403. State Veterinarian; powers.
>
> The veterinarian of The Clemson Agricultural College of South Carolina shall be the State Veterinarian and may visit any section of this State where any contagious disease among animals, including poultry and domesticated fowls of every kind, is believed to exist and shall determine, under the rules and regulations of the board of trustees of the College whether such affected animals are worthy of remedial treatment or should be destroyed. The State Veterinarian may require to be reported to him any disease that may jeopardize the health of livestock or poultry.

2. Brucellosis -- Proposed Change in S. C. Code of Laws

Statement: Under the present law, the Livestock and Poultry Health Department has the right to establish quarantines and to enter any premises to examine livestock infected with contagious diseases except in the case of Brucellosis. As the law now reads, a suspicious Brucellosis herd can be quarantined only.

In order that steps may be taken toward the eradication of Brucellosis, necessary changes must be made in the Code of Laws.

Agricultural Regulatory Committee Recommendation: It is recommended that appropriate steps be taken to have Title 3, Chapter 5, Article 3, Section 6-451 of the S. C. Code of Laws amended:

(1) By substituting "require" for "recommend" in the title,

(2) By deleting "quarantine if owner refuses" from the title,

(3) By substituting "require" for "recommend" in the first sentence,

(4) By deleting all words in the latter portion of the section, beginning with the words "Should the owner fail or refuse .....",

with this section as amended to read in full as follows:

6-451. Veterinarian to require testing of suspected animals

When the State Veterinarian receives information or has reason to believe that brucellosis exists in any animal he shall promptly notify the owner and require that a test be applied to such animal and that if the animal be found to be diseased it shall be properly disposed of and the premises disinfected under the supervision of the State Veterinarian or his authorized representative.

3. Fertilizer Inspection and Analysis

Agricultural Regulatory Committee Recommendation: That the fine be approved as recommended in the Department of Fertilizer Inspection and Analysis Report to the Fertilizer Board of Control, February 1962.

4. Sweet Potato Weevil Quarantine -- Revised March 1, 1962

Agricultural Regulatory Committee Recommendation: That the Sweet Potato Weevil Quarantine (Revised March 1, 1962), approved by mail ballot of the Agricultural Regulatory Committee, be confirmed in meeting assembled.

5. Regulations Governing the Shipment of Tobacco Plants into South Carolina -- Revised March 1, 1962

Agricultural Regulatory Committee Recommendation: That the Regulations Governing the Shipment of Tobacco Plants into South Carolina (Revised March 1, 1962), approved by mail ballot of the Agricultural Regulatory Committee, be confirmed in meeting assembled.

6. South Carolina Crop Pest Commission -- Biennial Designation Needed (Presented here for Board consideration and action)

Statement: The South Carolina Code of Laws states that "On and after April 1st of each even numbered year the Board of Trustees of The Clemson Agricultural College of South Carolina shall designate not over five of its members who shall constitute and be known as the State Crop Pest Commission of South Carolina....."

The Board has already designated the Agricultural Regulatory Committee to serve as the Crop Pest Commission, but the law calls for affirmation or reaffirmation every even numbered year.

Suggested Board Action: That the Board designate the Agricultural Regulatory Committee and the members thereof to "constitute and be known as the State Crop Pest Commission of South Carolina."

7. Purposes and Goals -- A Policy Statement on the Role of Clemson College

Statement: On October 29, 1956 the Board adopted a policy statement on the role of Clemson College. This statement was amended and readopted on March 19, 1959. The policy has been further amended as a result of the recent Self-Study at the College.

Educational Policy Committee Recommendation: That the revised Policy Statement on the Role of Clemson College, dated February 1, 1962, be adopted as attached to the Educational Policy Section of the Report and that it replace previously approved statements on the role of the College.

8. Building Construction -- Proposed Curriculum and Degree

Statement: On a national level the Schools of Architecture have the general responsibility of developing professional training for areas immediately peripheral to the profession of Architecture. The Association of Collegiate Schools of Architecture has made a study of the professional areas involved and, in agreement with representatives of National Engineering Groups, is asking each of the several Schools of Architecture to take over one segment of peripheral training. As a result of this action, the Clemson School of Architecture has been requested by the Carolinas' Branch of the Association of General Contractors and by the Clemson Architectural Foundation to develop a professional curriculum for building contractors. Although several curricula presently exist in this region, there is no first rate curriculum, and few are available nationally, although the need is great.

Accordingly, the Clemson School of Architecture proposes a five-year curriculum leading to a distinctive professional degree, Bachelor of Building Construction. This would embrace the four basic disciplines necessary to a Building Contractor: first, an understanding of the humanities; second, a comprehension of building in its several aspects; third, a knowledge of the business and economic aspects of construction; and fourth, an understanding of the relevant technical disciplines.

Educational Policy Committee Recommendation: That the College, through the School of Architecture, be authorized to offer a five-year program of study leading to the professional degree of Bachelor of Building Construction, effective in September, 1962.

9. Head of Department of Civil Engineering

Statement: Under authority granted by the Board January 13, 1959, administrative approval was given to the appointment of Dr. Joseph H. Moore of State College, Pennsylvania, as Head of the Department of Civil Engineering and Professor of Civil Engineering, effective September 1, 1962.

Dr. Moore holds a B.S. degree from The Citadel, a M.S. from Pennsylvania State, and a Ph.D. from Purdue. He has taught at The Citadel and, for the past twelve years, at Pennsylvania State University. He is a member of Phi Kappa Phi, Sigma Xi, and The Citadel Honor Society. He is the author of numerous research papers and has done professional consulting for various Pennsylvania engineering firms. He is married to Mary Kelley Moore of Sumter, S. C. and has two daughters.

Educational Policy Committee Recommendation: That the appointment of Dr. Joseph H. Moore as Head of the Department of Civil Engineering and Professor of Civil Engineering, effective September 1, 1962, be confirmed.

10. Director of Engineering Research

Statement: Under authority granted by the Board January 13, 1959, administrative approval was given to the appointment of Mr. Stanley G. Nicholas of Chicago, Illinois, as Director of Engineering Research and Administrative Assistant to the Dean of Engineering, effective March 1, 1962.

Mr. Nicholas holds a B.S. degree in Mechanical Engineering from Northwestern University and has had more than ten years of industrial experience. He comes to Clemson from the Continental Can Corporation where he was affiliated with that company's research and development laboratories. He is married and has two sons.

Educational Policy Committee Recommendation: That the appointment of Mr. Stanley G. Nicholas as Director of Engineering Research and Administrative Assistant to the Dean of Engineering, effective March 1, 1962, be confirmed.

11. Resolution of Appreciation to the Clemson Alumni Association

Statement: In reviewing the informational reports at the Educational Policy Committee meeting on February 20, the Committee noted with considerable interest the inauguration of a plan of alumni professorship salary supplements for distinguished professors. It was moved, seconded and passed that a Resolution of Appreciation to the Clemson Alumni Association be proposed for adoption by the Board.

Educational Policy Committee Recommendation: That the Resolution of Appreciation to the Clemson Alumni Association be adopted as attached to the Educational Policy Section of this Report.

12. Retention Beyond Retirement Age -- Professor B. E. Goodale, Head of the Department of Dairy Science -- Confirmation of Interim Action

Statement: By mail ballot early in February, 1962 the Board approved a request of the administration that Professor B. E. Goodale, Head of the Dairy Science Department and Professor of Dairy Science, be retained in his present position past the scheduled date of his retirement (July 1, 1962) for a period of time not to extend beyond January 31, 1963.

Joint Recommendation of the Educational Policy and Executive Committee: That the Board confirm the interim action taken in February, 1962 approving the retention of Professor B. E. Goodale, Head of the Department of Dairy Science, for a period of time not to extend beyond January 31, 1963.

13. Water Agreement with the Town of Clemson

Statement: On November 10, 1961, the Board authorized Mr. R. M. Cooper, President of the Board, to sign on behalf of the College a Memorandum of Agreement with the Town of Clemson concerning the sale of water to the Town at wholesale rates. This agreement, under date of December 8, 1961, has been signed on behalf of the College by Mr. Cooper and on behalf of the Town by Mr. L. P. Crawford, Mayor of Clemson.

Executive Committee Recommendations: (1) That the action of Mr. R. M. Cooper, in signing this agreement on behalf of the College, be confirmed, and (2) that the details of this agreement be approved and confirmed as attached to the Executive Committee Section of this Report.

14. Steam Plant Extension Contract -- Confirmation of Interim Action

Statement: On February 21, 1962, detailed information was mailed to all members of the Board concerning the bids on construction of a "Steam Plant Extension" as opened publicly at 2 p. m. that day (February 21, 1962). The administration recommended and the Board approved by mail ballot (1) That Alternate No. 1 not be accepted and (2) That the contract be awarded to the lowest bidder, Morris Construction Company, Greenville, South Carolina, in the amount of the base bid of $110,516.

Executive Committee Recommendation: That the above actions, including the award of the "Steam Plant Extension" contract to Morris Construction Company, be confirmed.

15. Right-of-Way Easement -- Confirmation of Interim Action

Statement: In the interim between meetings, the President of the Board, upon recommendation of the administration, approved a right-of-way easement as identified below:

> Right-of-way easement to Blue Ridge Electric Co-operative, Inc. -- 16' R/W approximately 3,487' long and generally following South Carolina Road 91 (1447') and South Carolina Road 44 (2040') on Tract No. 74A, Central Township, with the Blue Ridge Electric Cooperative, Inc., "to remove and give up right-of-way easement on approximately 3030' of existing line."

Executive Committee Recommendation: That the granting of the right-of-way easement identified above be confirmed.

16. Air Conditioning Auditorium in Chemistry Building

Statement: At the March 15, 1957, meeting the Board authorized air conditioning the auditorium in the Chemistry Building. This authorization was given in connection with a State Institution Bond Issue to finance the construction of the Structural Science Building, the renovation of Riggs Hall, and other specific items. Later it was determined that the borrowing potential was not adequate to include all items, and hence the air conditioning of the Chemistry Auditorium had to be delayed.

Residual funds are now available from the State Institution Bond Issue for the construction of the Physics and Classroom Building Complex and plans are underway to finance the air conditioning of the auditorium from this source. It is anticipated that the costs will be not over $25,000.

Executive Committee Recommendation: It is recommended (1) That the Board confirm the previous authorization to air condition the auditorium in the Chemistry Building and (2) that the Board approve the financing of this project as indicated above.

17. Proposed Increases in Student Fees for the Regular Session

Statement: The appropriation bill for 1962-63 provides that Clemson and other State colleges "shall increase the fees of the students attending the respective institutions by at least $50.00 each, the said additional charge to be levied so that the proceeds thereof may be used in the operation of the institution". An analysis of our budget needs and anticipated appropriations for 1962-63 indicates the desirability of increasing fees somewhat more than $50.00.

The total increases proposed for students living in the dormitories amounts to $100.00 per year for South Carolina students and $150.00 for non-resident students. From a standpoint of the operating budget it appears wise to increase the maintenance and activity fee by $36.00 per semester or $72.00 per regular school year. Based on an analysis of present and prospective dormitory needs and costs it has been determined that the dormitory fees should be increased by $14.00 per semester or $28.00 per regular school year. In addition, an increase in tuition of $50 is proposed for non-resident students.

Executive Committee Recommendations:

(1) That beginning in September 1962 student fees for the regular session be increased as follows:

South Carolina Students	Increase
Maintenance and Activity Fee	$ 72.00
Room Fee	28.00
Total	$100.00

Non-Resident Students	
Tuition	$ 50.00
Maintenance and Activity Fee	72.00
Room Fee	28.00
Total	$150.00

(2) That, based upon the increases indicated above, the schedule of fees per semester, beginning in September 1962, be as follows:

SEMESTER FEES FOR FULL-TIME STUDENTS

	S. C. Students			Non-Resident Students		
	Present	Proposed	Change	Present	Proposed	Change
Tuition	$75.00	$ 75.00	$--	$175.00	$200.00	$25.00
Matriculation Fee (non-refundable)	5.00	5.00	--	5.00	5.00	--
Maintenance and Activity Fee	85.00	121.00	36.00	85.00	121.00	36.00
Medical Fee	13.00	13.00	--	13.00	13.00	--
*Room Fee	86.00	100.00	14.00	86.00	100.00	14.00
*Board	180.00	180.00	--	180.00	180.00	--
	444.00	494.00	50.00	544.00	619.00	75.00

*1/2 payable at beginning of semester; 1/2 at middle of semester

SEMESTER FEES FOR PART-TIME STUDENTS

	S. C. Students			Non-Resident Students		
	Present	Proposed	Change	Present	Proposed	Change
Matriculation Fee (non-refundable)	5.00	5.00	--	5.00	5.00	--
Tuition (per semester hour)	6.00	6.00	--	14.00	16.00	2.00
Maintenance and Activity Fee (per semester hour)	6.00	9.00	3.00	6.00	9.00	3.00

18. Proposed Fees for the Summer Term

Executive Committee Recommendations:

(1) It is proposed that the following tentative plan for summer school fees be approved. These involve an increase of $2.00 per semester hour credit in tuition fees and an increase of 25¢ per week in hospital fees.

Fees. Student fees for the 1962 summer session are proposed as follows:

Summer Sessions Fee .....$ 2.00 per semester credit hour
Tuition Fee ..... 12.00 per semester credit hour

Living Costs

	First Session	Second Session
Board	$ 60.00	$ 50.00
Room	24.00	20.00
Hospital	4.50	3.75
Total	$ 88.50	$ 73.75

Payment of hospital fee is optional for all non-dormitory students. Students who elect not to pay the hospital fee are responsible for arranging for their own medical care.

Approved industrial trade teachers and administrators may take the special courses provided in the Industrial Teacher Training Program upon payment of a $7.00 class maintenance fee.

These courses are: Ind Ed 310T, 421, 446T, 496T.

(2) It is recommended that, effective with the 1963 summer term, the room fee be increased from $4.00 to $5.00 per week.

19. Fees for Graduate Assistants and Staff

Executive Committee Recommendation: It is recommended that the fees for Graduate Assistants and staff members be continued at the present rate of $4.00 per semester hour.

20. Housing for Women Students

Statement: The need for a girls' dormitory has existed since the college became co-educational. A number of girls have been living in off-campus rental units since they were first admitted as students. Due to the fact that there are few adequate off-campus units available and the fact that the college has been unable to provide housing, enrollment of coeds has been limited. Consideration should now be given to the construction of a 50 to 75 room girls' dormitory, if satisfactory arrangements can be made to cover construction costs. After a careful study, it has been determined that it would not be advisable to convert any of the existing dormitories to the use of women students.

Executive Committee Recommendation: In order that housing for women students may be available for the 1963-1964 scholastic year, it is recommended that the administration be authorized to proceed with plans for financing and constructing a girls' dormitory at the earliest practical date.

21. Deed to South Carolina Aeronautics Commission of Land for Clemson - Oconee County Airport

Statement: On March 21, 1958 the Board of Trustees consented to Clemson's becoming the sponsor for the Clemson-Oconee County Airport with the expectation that Oconee County would assist in the project and that the eventual operation and maintenance of the airport would not be the sole responsibility of the College. On November 11, 1960 the Board authorized the administration to work with Senator Parker and Oconee County officials in developing plans for the use of lands in either the Fant's Grove area or the Kibler Farm area for this purpose and on March 10, 1961 the Board authorized the removal of structures in the Kibler Farm area prior to deeding the land to the South Carolina Aeronautics Commission.

A specific site has been selected and the land consisting of 161.29 acres in the Kibler Farm area, more particularly shown on a plat of the site by Robinson Engineering Service dated February 22, 1962, has been deeded to the South Carolina Aeronautics Commission with the deed signed on behalf of the College by Mr. R. M. Cooper, President of the Board.

Executive Committee Recommendation: That the above actions be confirmed by the Board including the action of Mr. R. M. Cooper, President of the Board, in signing the deed of land to the South Carolina Aeronautics Commission.

22. Deed of Land to the Town of Pendleton for Sewage Lagoon

Statement: On June 5, 1961 the Board of Trustees authorized the sale of 9.69 acres of land to the Town of Pendleton at the sale price of $50 per acre with the land specifically identified in the minutes of the Board meeting of June 5, 1961. Under the authority of the Board the deed for this land has been signed by Mr. R. M. Cooper, President of the Board of Trustees.

Executive Committee Recommendation: That the Board confirm the conveyance of the above land to the Town of Pendleton and confirm the action of Mr. R. M. Cooper, President of the Board, in signing the deed.

23. Deed to the United States of America of Land for a Soil and Water Conservation Field Station

Statement: On November 10, 1961 the Board of Trustees authorized the deeding without cost to the appropriate Federal agency a tract of land approximately 800 x 1000 feet for the establishment of a Soil and Water Conservation Field Station on land occupied by the Pee Dee Experiment Station, Florence, South Carolina. The deed for this conveyance has been signed by Mr. R. M. Cooper, President of the Board of Trustees.

Executive Committee Recommendation: That the action of Mr. R. M. Cooper, President of the Board of Trustees, in signing the deed identified above be confirmed by the Board.

24. Anderson-Ellison Realty Company Request

Statement: In connection with the development of a residential subdivision in the town of Clemson, adjoining college property, the Anderson-Ellison Realty Company has requested (1) that the college grant a twenty-five foot wide right-of-way easement along the edge of college property which, with a similar easement to be granted by the owner of Dogwood Forest, would constitute a fifty-foot easement to permit the construction of a road into the subdivision, and (2) that the college construct a portion of the road into the development.

This request to the college was based upon the assumption by the realty company that the proposed road would be advantageous to the college in developing future housing on college property. In view of the nature of the terrain in this area, this is not likely. In addition, the policy of the Board has been that of not granting such easement to individuals or private developments.

Executive Committee Recommendation: That, in accord with Board policy, the above request be refused.

25. Library Building -- Method of Financing

Statement: On March 22, 1961, the Board authorized the setting aside of funds obtainable through the borrowing potential of the State Institution Bond Act to the extent of $1,000,000 to partially finance the construction of a new Library, with additional funds to be obtained from other sources, and with the responsibility of constructing and financing the new Library delegated to the Executive Committee of the Board.

At the meeting on March 13, 1962, the Executive Committee authorized appropriate steps to be taken to have House Bill 2311, under consideration in the General Assembly, so amended as to permit the issuance of $1,500,000 of Clemson Agricultural College Library Building Bonds to be amortized over a period of thirty years by a special fee to be charged all students. This action was taken by the Executive Committee to increase the potential borrowing power of the College to $2,500,000 for the purpose of constructing a Library.

Executive Committee Recommendation: That the above authorization of the Executive Committee be confirmed as an authorization of the Board.

26. National Defense Education Act of 1958 -- Title II, Loans to Students in Institutions of Higher Education

Statement: When the National Defense Education Act of 1958 was passed by the National Congress, the provisions of Title II of the Act were reviewed by the College. At that time the institution elected not to participate in this student loan program for specific reasons including the following:

(1) The Act required that Federal Funds be matched in the ratio of one dollar of institutional funds to every nine dollars of Federal Funds.

(2) The required administration of the program would be very cumbersome and no Federal Funds are provided to cover the cost of administration.

(3) Student Loan Funds already available at the College seemed adequate when administered on a strict conservative basis.

(4) The Act provided that the institution assume all responsibility for collecting repayments of principal and interest including the responsibility to litigate for such collections through court procedures.

While the above reasons for not participating are still valid in many respects, the College now finds itself in the following position:

(1) Every institution of higher education in South Carolina except Clemson and almost every institution in the nation is participating in the program.

(2) Legislation currently pending in the General Assembly of South Carolina, if passed, will provide funds specifically earmarked for use by state institutions to match the Federal Funds on the one to nine basis.

(3) Failure on the part of the College to participate in the program could deny educational opportunity at Clemson to worthy students in need of financial assistance.

The provisions of Title II of the National Defense Education Act of 1958 were reviewed with the Educational Policy Committee of the Board on February 20 and with the Executive Committee on March 13. Both Committees were cognizant of the difficulties the institution might encounter in this program but were nevertheless inclined to authorize participation on the part of the College.

Recommendation: It is recommended that the Board, with full knowledge of the provisions of Title II of the National Defense Education Act of 1958, authorize the administration (1) to take such steps as necessary to participate in this program, and (2) to establish as far as possible within the limitations of the Act such safeguards for the institution as deemed necessary and desirable.

REPORT ON AGRICULTURAL REGULATORY AFFAIRS

to the

Board of Trustees

April 11, 1962

The Agricultural Regulatory Committee met at Clemson on February 19, 1962. Members of the Committee present were L. D. Holmes, presiding, and R. R. Coker. Also present was Paul Quattlebaum, Jr.

Others in attendance included R. C. Edwards, J. K. Williams, M. D. Farrar, J. W. Jones, O. B. Garrison, G. B. Nutt, B. D. Cloaninger, R. W. Carter, J. H. Cochran, W. M. Epps, L. H. Senn, Larry Massey (President of the Extension Senate), and G. E. Metz, Secretary.

I. INFORMATIONAL REPORTS

Informational reports as mailed to the Committee in advance and reviewed at the meeting are attached hereto as listed below:

A. Annual Report of the Clemson College Livestock-Poultry Health Department to the Board of Trustees, January 1962.

B. Department of Fertilizer Inspection and Analysis Report to the Fertilizer Board of Control, February 1962.

C. Informational Report on the Regulatory Activities of the South Carolina State Crop Pest Commission, February 1962.

D. Four Decades of Agricultural Progress in South Carolina -- With Contributions Made Through Developments in the Public Service Activities of Clemson College

II. RECOMMENDATIONS

Recommendations from the Agricultural Regulatory Committee are given as Items 1-5 of the recommendations presented for consideration of the Board at this meeting (April 11, 1962). Items 1-3 were approved by the Committee at the meeting on February 19 and Items 4 and 5 were approved by mail ballot of the Committee in March. Attached hereto are the revised quarantine and revised regulations proposed for approval under Items 4 and 5.

ANNUAL REPORT OF THE CLEMSON COLLEGE LIVESTOCK-POULTRY HEALTH DEPARTMENT

TO THE BOARD OF TRUSTEES

January 1962

1961 was a very active and successful year for the State-Federal Livestock Disease Programs. Marked progress has been made in each project and responsibility of this department.

Every county has been reaccredited for Tuberculosis and recertified for Brucellosis as it became due. Virtually every county in the state has been certified for Brucellosis and by March 1962, South Carolina can be designated as a Brucellosis Certified State.

Hog Cholera, again, appeared in epidemic form but was brought under control by mid-summer. This epidemic, along with national Legislation, created a strong demand for a Hog Cholera Eradication Program. The program will be discussed further in our recommendations for action by the Board.

Very few cases of Vesicular stomatitis appeared in our endemic areas. Our neighboring states, however, had major epidemics in areas where the disease had not been observed before.

Screwworm also appeared again in our neighboring states and prompt action was necessary to eradicate the outbreaks before it spread to Florida. We were fortunate in not having any cases but it was necessary to double our efforts to be sure. Appreciation is expressed to the Extension Service for their fine cooperation.

We were particularly pleased with several meetings held with representatives of the poultry industry. A thorough understanding of the problems of the industry and of this laboratory was obtained and each group demonstrated willingness to cooperate. The administration of Clemson College is to be commended on their able manner of proposing and conducting these conferences.

The progress made by the laboratory, under the direction of Dr. Bert W. Bierer, is outstanding. A statistical summary of the work load of the laboratory is enclosed. Attention is called to the amount of specific vaccine prepared and to the eight papers published in research journals and to the five papers presented at meetings. The volume of blood testing and the total number of diagnostic cases submitted to the laboratory is an indication of the acceptance of this laboratory by the industry. The laboratory is also to be commended for the adoption of newer diagnostic tests such as the Taylor test for Hog Cholera.

The specific pathogen-free pig project has been an outstanding success and the growth rates reported by the Animal Husbandry Department are phenomenal.

During the year, a cooperative vaccine evaluation study involving seventy head of cattle was started in cooperation with the U. S. Department of Agriculture.

These projects, along with projects already under way on poultry indicate that our research program is established and encompasses all species of livestock. The phase-scope studies and the microscopic pathological studies made are worthy of special comment in that they indicate versatility of service.

Meat Inspection was thoroughly studied during the year and it is believed that Legislative support for an active service will be forthcoming. It seems assured that this service will be continued under this department and that it will lead to an ideal inspection within a relatively few years.

A Nation-wide Hog Cholera Eradication Program will begin in 1962. Because South Carolina has already taken many important steps toward this goal, we will assume a position of leadership. To further our efforts, it is necessary that Hog Cholera be designated as a reportable disease. To accomplish this end, it is recommended that the following addition to 6-403 - State Veterinarian; Powers, of the Code of Laws of South Carolina be made: "The State Veterinarian may require to be reported to him any disease that may jeopardize the health of livestock or poultry." (*)

A change is also indicated in the laws governing the control of Brucellosis. This department has the right to establish quarantines and to enter any premises to examine livestock infected with contagious diseases except in the case of Brucellosis. As the law now reads, a suspicious Brucellosis herd can be quarantined only. In that we must proceed to the eradication of this disease, the following changes to 6-451 of the Code of Laws of South Carolina is recommended:

1. In the title, substitute "require" for the word "recommend".

2. Delete in the title "quarantine if owner refuses".

3. In the first sentence, substitute "require" for "recommend".

4. Delete all of this paragraph except the first sentence. The deletion should begin at "Should the owner fail or refuse ....."(*)

There is also enclosed a copy of our monthly activities report for December. This report includes totals of all diseases reported to this office during 1961 by the practicing veterinarians and will indicate the prevalence and cost of disease to this State.

I should like to call attention in this report to the death of Dr. Roy A. Mays and express our appreciation for the fine service that he has rendered Clemson College and the Livestock Industry.

R. W. Carter, D.V.M.
Director

(*) See recommendations presented for consideration under section II of the Agenda.

SPECIMENS SUBMITTED TO CLEMSON LIVESTOCK LABORATORY

JANUARY 1961 - DECEMBER 1961

Equine	252
Bovine	2043
Ovine	219
Procine	624
Canine	444
Feline	23
Turkey	1622
Chicken	2260
Quail	155
Pheasant	24
Guinea	5
Duck	63
Pigeon	1
Canary	6
Parakeet	1
Hamster	7
Monkey	3
Rabbit	35
Squirrel	1
Mouse	25
Miscellaneous	27
Total	7840

Farm visits by laboratory personnel 180

Tissues Sectioned	4331
Salmonella Typing:	
Group B	73
Group C_1	92
Group D	70
Negative	20
C_2	2
E	1
Total	258

Estimated farm contacts and/or visits by the entire staff of this Department - 47,000.

Vaccine Prepared:

mixed bacterin	13,500 cc
fowl cholera bacterin	161,000 cc
E. coli bacterin	16,500 cc
staphylococcus bacterin	96,000 cc
coliform bacterin	15,000 cc
mastitis	9,000 cc
hemolytic streptococcus - staphylococcus bacterin	5,500 cc
malignant edema bacterin	4,000 cc
erysipelas bacterin	46,700 cc
streptococcus bacterin	6,000 cc
bovine *S. typhimurium* bacterin	14,500 cc
clostridium hemelyticum bacterin	1,000 cc
Total	388,700 cc
Papers published in journals	Eight
Papers presented at meetings	Five

No. samples tested for:

Pullorum	48,311
Brucellosis	165,540
Virbiosis	472
Leptospirosis	2,124
Total	216,456

SOUTH CAROLINA ANIMAL MORBIDITY REPORT

South Carolina Association of Veterinarians

State-Federal Livestock Disease Eradication Program

South Carolina State Board of Health

Compiled From Clinical Reports And Laboratory Data

Report For Month of DECEMBER 19 61

Cards Mailed 115

Cards Rec'd 72

Neg. Reports 7

		Anaplasmosis	Blackleg and M. E.	Canine Distemper	Canine Hepatitis	Equine Encephalomyelitis	Erysipelas	Feline Infectious Enteritis	Hemorrhagic Septicemia	Hog Cholera	Infectious Keratitis	Leptospirosis	Mastitis	Paratyphoid	Stomatitis	Swine Influenza	No. Report Cards Received by Counties
Total This Year	Herds	51	181	4890	140	26	94	849	167	307	383	191	1269	83	13	104	
	Cases	124	274	5192	611	26	627	935	936	3548	2991	1091	3159	757	16	1731	
Total This Month	Herds	1	13	586	1	0	4	94	29	13	11	51	81	3	3	7	
	Cases	1	17	635	1	0	17	96	97	237	48	80	243	3	3	91	
1	Abbeville			5							3	1	2				1
2	Aiken											2	1				2
3	Allendale			2													1
4	Anderson		1	12				4				4					2
5	Bamberg												1				1
6	Barnwell			8						25		1					1
7	Beaufort			18			3	8				8					1
8	Berkeley											1					
9	Calhoun																
10	Charleston			27				12				3					3
11	Cherokee			28				6					4				1
12	Chester			6									33				1
13	Chesterfield																
14	Clarendon			21						71		3	3		1		1
15	Colleton																
16	Darlington			50				15				2					3
17	Dillon		1						2								1
18	Dorchester			6			12				2				1	40	2

SOUTH CAROLINA ANIMAL MORBIDITY REPORT

PAGE TWO

December 19 61

		Anaplasmosis	Blackleg and M. E.	Canine Distemper	Canine Hepatitis	Equine Encephalomyelitis	Erysipelas	Feline Infectious Enteritis	Hemorrhagic Septicemia	Hog Cholera	Infectious Keratitis	Leptospirosis	Mastitis	Paratyphoid	Stomatitis	Swine Influenza	No. Cards Per County
19	Edgefield			4					8				5				2
20	Fairfield		2	12				2	10		15		31		1		2
21	Florence			7						43	1	6	10				3
22	Georgetown			19				4		9		17	1				1
23	Greenville		1	46			2	7	10		1	3	8				4
24	Greenwood			12				2	17			2	4				2
25	Hampton																
26	Horry			6					8								3
27	Jasper																
28	Kershaw																
29	Lancaster		1	30				13		3	11		2				2
30	Laurens			50								2	4				3
31	Lee																
32	Lexington		1	2					2				3				1
33	Marion	1		30				5	4			12				2	2
34	Marlboro																
35	McCormick																
36	Newberry												2				
37	Oconee			16				3	3							16	3
38	Orangeburg		4	25					15	60			41			35	3
39	Pickens			19					4		3	2					2
40	Richland		2	8	1							6		3			3
41	Saluda		2	11									11				2
42	Spartanburg			113				14	12	5	7	3	39				6
43	Sumter									21			9				1
44	Union			5					2			1	6			1	1
45	Williamsburg			15									4				2
46	York		2	22				7			5	1	19				3

SOUTH CAROLINA ANIMAL MORBIDITY REPORT

PART II — ADDITIONAL CLINICAL DIAGNOSES

Disease or Condition	Herds	Cases	Disease or Condition	Herds	Cases	Disease or Condition	Herds	Cases
Canine Tumors	9	9						
Arsenic Poisoning	1	1						
E. Coli Infection	2	2						
Salt Poisoning	1	1						

PART III — DIAGNOSTIC LABORATORY REPORT

Serological Tests		Post Mortem and Bacteriological Examinations					
Brucellosis	8,651	Bovine	108	Canine	42	Chicken	277
Leptospirosis	127	Equine	11	Feline	0	Turkey	106
Pullorum	7,446	Ovine	0	Monkey	1	Pigeon	0
Vibriosis	47	Porcine	30	Rabbit	8	Parrakeet	0
Other						Quail	6

A disastrous arsenic poisoning case occurred during the month of December. About thirty head of cattle died out of a herd of sixty. The source of the arsenic was a leaky drum of arsenic spray stored in the shed with the hay.

A case of salt poisoning occurred in a group of thirty-eight hogs in which all of the animals died. This was brought about by the fact that the hogs were in a feed lot and had no water for three days.

SOUTH CAROLINA STATE BOARD OF HEALTH
Rabies Control Data
For the Month of Dec. 1961

LEGEND

D-Dogs S-Swine
C-Cats F-Fox
B-Bovine O-Others

POSITIVE

None

NEGATIVE

D-9 O-6
C-3

Total this month positive 0
Total this month negative 18

Total this year positive 0
Total this year negative 408

Results of Laboratory Tests

STATE-FEDERAL LIVESTOCK DISEASE ERADICATION PROGRAM

POST OFFICE BOX 1771, COLUMBIA 1,
SOUTH CAROLINA

THE CLEMSON AGRICULTURAL COLLEGE
A. & M. College of South Carolina
Livestock Sanitary Department

U. S. DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Animal Disease Eradication Division

MONTHLY REPORT

ADE Activities

December, 1961

BRUCELLOSIS - With the exception of Oconee County, all counties in this State are now Certified or lack only a few herds for completion. These remaining reluctant owners do not actually refuse the test but simply put it off. We are now taking the necessary legal steps to complete the testing.

TUBERCULOSIS - All counties are up to date. Work is progressing satisfactorily in Marlboro and Saluda counties. No ADE 6-35 forms received. One ADE 6-4 form received and is being investigated.

GARBAGE COOKING PROGRAM - There were 612 establishments reported feeding cooked garbage to 13,993 swine. Fifteen establishments were reported feeding raw or improperly cooked garbage to 270 swine. 564 inspections were made. Sixty-five percent of the premises received at least one inspection during the month. There were two prosecutions made for feeding raw garbage.

SPECIAL DISEASE ERADICATION:

Cattle and Sheep Scabies - Routine investigations disclosed no scabies during the month.

Scrapie - None. Three flocks of sheep under surveillance.

MISCELLANEOUS DISEASES:

There were no cases of Anthrax, Blue tongue or Mucosal Diseases reported.

Vesicular Stomatitis - None.

Cattle Fever Tick - No ticks received this month for identification.

SCREWWORM ERADICATION - Cold weather has lessened the threat of screwworms.

ANIMAL INSPECTION AND QUARANTINE ACTIVITIES - 127 first port-of-call vessels and 137 airplanes arriving at the Charleston Port during this month were boarded by PQ personnel. Prohibited meat was seized from two ocean vessels.

No films shown this month.

There is no power spray equipment assigned to this station.

R. W. Carter, D.V.M.
Director

DEPARTMENT OF FERTILIZER INSPECTION AND ANALYSIS
REPORT TO THE FERTILIZER BOARD OF CONTROL

February, 1962

Below is a brief summary of some of the activities of the Department of Fertilizer Inspection and Analysis for the period July 1, 1961, through December, 1961:

Tons of fertilizer distributed..... 104,782 - decrease of 4.8% over same period last year

Number of samples procured..... 1,445

Number of samples analyzed..... 1,350

Number of insecticide samples procured.. 983 - January through December

Fertilizer Tonnage: The tonnage of mixed fertilizers for the six months' period ending December 31, 1961 showed a decrease of 9.9% over the same period last year. The dry fall, later heavy rains and the grain program have reduced the fall sales of fertilizers.

Fertilizer Meeting: A fertilizer meeting sponsored by the South Carolina Plant Food Educational Society and Clemson College was held in Columbia on January 23rd.

Inspectors' School: A two-day Inspectors' School was held at Clemson College on January 25th and 26th.

Bulk Fertilizers: Nitrogen solution distributing points in the state are on an increase. To date, there are 85 distributing points which are operating as subsidiaries of the manufacturers' operations. The lack of labor is a contributing factor in encouraging this practice of custom application.

Irregularities Other Than Short Weights

Name of Company	Irregularity	Recommended Fine
The Screven Oil Mill..... 19% Solutions..... Sylvania, Georgia	Late Reporting.....	$10.00

INFORMATIONAL REPORT ON THE REGULATORY ACTIVITIES

OF THE

SOUTH CAROLINA STATE CROP PEST COMMISSION

February 1962

An informational report of the regulatory activities of the Crop Pest Commission was presented September 20, 1961. The following information highlights the activities from that date through December 30, 1961. The report on the South Carolina Economic Poison Law is for the entire calendar year of 1961. Reports on several programs are omitted because an additional report at this time would be repetitious.

Japanese Beetle

A public hearing was held in Memphis, Tennessee, December 5, 1961 to consider extending the Japanese Beetle Quarantine to include all areas not currently regulated, including over a million acres in South Carolina. Although the results of the hearing have not been announced, it is anticipated that the quarantine will be extended. If such action is taken, the regulatory work will be greatly increased, and an additional inspector will be needed.

Sweet Potato Weevil

For the first time in 3 years weevils were found in one location in Jasper County. That county was removed from the quarantine in 1961 but will be replaced in the 1962 quarantine revision.

White-Fringed Beetle

Infestations of white-fringed beetle were found for the first time in Lee County at Lynchburg, and in Sumter County in Sumter. These new infestations

and extensions of previously known infestations total more than 600 acres, most of which has been treated.

Witchweed

The known distribution of witchweed in South Carolina was extended in 1961 with the discovery of single infestations in Clarendon County near Foreston, and in Lee County near Lynchburg. In neither case could the source of the infestation be ascertained. On the basis of size and density, both probably have been present for some time.

Forest Insect and Disease Survey

An aerial survey was conducted for forest insects and diseases. The results of this survey are forthcoming in a special report.

Economic Poison Law

During the calendar year 1961, 264 companies registered 3335 products as required by the South Carolina Economic Poison Law. Fees totalling $38,215 were collected.

Quarterly reports on the analysis of economic poisons have been made as well as an annual report covering the period of July 1, 1960 to June 30, 1961. The annual report is a requirement of Senate Bill 52 ratified April 25, 1961, which states that the South Carolina State Crop Pest Commission shall make an annual report to the General Assembly of its administration of the Economic Poison Law. Copies of these reports have been mailed to all members of the Agricultural Regulatory Committee.

FOUR DECADES OF AGRICULTURAL PROGRESS IN SOUTH CAROLINA

With Contributions Made Through Developments in the Public Service Activities of Clemson College

January 1962

I. GROWTH IN RESOURCES -- THE ANNUAL BUDGETS

A. Experiment Station

1921-1922	$ 105,380
1931-1932	216,714
1941-1942	388,172
1951-1952	1,377,083
1961-1962	1,988,002

B. Extension Service *

1921-1922	$ 392,424
1931-1932	452,028
1941-1942	690,644
1951-1952	1,519,894
1961-1962	2,726,324

C. Livestock and Poultry Health Service

1921-1922	$ 69,228
1931-1932	56,355
1941-1942	48,550
1951-1952	145,150
1961-1962	274,568

D. Fertilizer Inspection and Analysis

1921-1922	$ 22,929
1931-1932	22,130
1941-1942	37,015
1951-1952	70,903
1961-1962	85,021

*Includes County Funds.

II. GROWTH IN PROGRAMS

A. Experiment Station -- Accomplishments by Decades

1. The Decade of 1922-1931

Conducted research which permitted growers to expand fruits, truck crops, hogs, beef cattle, and dairy cattle as new sources of income in areas most severely affected by the boll weevil, thus assisting in the gradual change from a one-crop system to a diversified system of agriculture in South Carolina. The background of experimental information permitted the establishment of new practices, the growing of new crops, and the meeting of emergencies.

Pioneered in developing Advanced Registry Testing in station herds, breeders' herds, and other herds in South Carolina. Accurate data records of milk and butter fat production on individual animals are maintained in this program.

Established Sandhill Experiment Station at Pontiac, South Carolina. The establishment of this station was made possible by an act of legislation in 1911; however, initial development of this station did not occur until 1925. In 1927 the cooperation of the U. S. Department of Agriculture was provided and the station expanded under the provisions of the Fulmer Bill. Additional funds for agricultural research were provided from federal sources through the Purnell Act and became available in 1925.

Developed one of the greatest herds of Berkshire hogs in America.

Initiated a Plant Disease Survey in cooperation with the U. S. Department of Agriculture.

Established an Agricultural Research Library as a section of the main College Library.

Initiated research in the area of Home Economics in cooperation with Winthrop College.

Determined the effectiveness of dolomitic limestone in preventing magnesium deficiencies in such important crops as cotton, Irish potatoes, soybeans, corn, and tobacco.

Aided in the enactment of the Bee Disease Act and the Insecticide and Fungicide Act in 1922. The South Carolina State Crop Commission, which was established under an act of 1912, was assigned the function of administering these two acts.

2. The Decade of 1932-1941

The Truck Experiment Station was established approximately seven miles west of Charleston to investigate problems related to the growing of vegetables in coastal counties. The Department of Agriculture established cooperative research in vegetable insect pests at this station.

Discovered that high soil acidity was one of the most important factors in the low yields of many commercially important South Carolina crops. A state-wide program was organized to provide soil acidity tests for every farm in South Carolina. Soil samples were collected from every important soil series occurring in each field on every farm in the state. This state-wide soil acidity survey contributed substantially to increasing the income from agricultural products in South Carolina. The survey began in 1933 and was completed in 1935.

A new agricultural building was erected which provided offices, classrooms, and laboratories for all agricultural departments except Dairying and Animal Husbandry which occupied the existing building.

The Edisto Experiment Station was established in Barnwell County to investigate problems relating to truck crops and agronomic crops grown in that area.

Aided in the establishment of the Regional Vegetable Breeding Laboratory at Charleston, South Carolina, by the U. S. Department of Agriculture. The purpose of the laboratory was the breeding of vegetables better adapted to southern conditions.

Established a Horticultural Products Laboratory to investigate the feasibility of processing South Carolina fruits and vegetables.

Developed techniques and practices which demonstrated the feasibility of commercial production of Blue Mold Cheese using the Stump House Mountain Tunnel for curing purposes.

Bred and developed Clemson's Spineless Okra, the first new variety to be developed which was free of spines. The variety is now widely recognized and grown in the South.

Initiated a cooperative project with the U. S. Department of Agriculture which resulted in acquisition by Clemson College of approximately 29,000 acres of land on which the Federal government has spent more than $1,500,000.

Initiated (with $50,000 grant from General Education Board) the first State Experiment Station studies on agricultural-industrial relationships. These led to detailed studies of industrial employment of farm people, part-time farming and development of industries in rural areas. Clemson is a recognized pioneer in these areas of study.

3. The Decade of 1942-1951

Pioneered in vitamin and mineral enrichment of flour, corn meal, grits and rice.

Pioneered in research on defoliation of cotton with Cyanamid.

Cooperated with the Agricultural Adjustment Administration in the development of a program to show the importance of lime in promoting and establishing a more diversified system of agriculture.

Constructed the first known dug pond reservoir for storage of water for irrigation purposes at the Truck Station.

Demonstrated the feasibility of commercial production of Turkish or aromatic tobacco in the upper Piedmont area of South Carolina.

Aided in the development and introduction of the mechanical cotton harvester.

Conducted research which showed that the dietary habits of people have a very significant effect on their general health and efficiency.

Bred and introduced Palmetto and Santee, new downy mildew resistant cucumber varieties.

Discovered and described for the first time in the United States the presence of internal cork, a new disease of the sweet potato.

Established the Clemson Bull Stud.

Developed the first effective methods for the control of the billbug in corn fields of South Carolina.

4. The Decade of 1952-1961

Reorganized the Crop Reporting Service to provide more detailed information on agricultural commodities at the county level; to include commodities previously reported; and to include information on forests and forest products and various classes of livestock.

Conducted experiments which resulted in the development of standards for certified meat-type hog production in South Carolina.

Constructed and occupied the new R. F. Poole Agricultural Center, consisting of the Plant and Animal Science Building, a Food Industries Building, and ten modern greenhouses.

Established a branch station at Johnsonville for investigations of sheep problems in South Carolina.

Developed methods of detection, eradication, quarantine, and control of witchweed in cooperation with North Carolina and the U. S. Department of Agriculture.

Installed one of the first De Laval Vacu-Therm Pasteurizers for the experimental consideration of flavor in milk.

Conducted studies which showed the vast adjustments and changes which occurred in South Carolina agriculture during the period 1900-1954.

Detected the imported fire ant, a new pest in South Carolina, organized a quarantine, and developed an eradication program.

Conducted experiments which showed the value and economic practicability of pelleting Coastal Bermuda for use in poultry and livestock feeds.

Organized departments and recruited professional staff members in the areas of Forestry and Food Technology.

Expanded the facilities of the Soil Testing Laboratory to provide information on the major and certain minor elements in South Carolina.

Acquired 2,180 acres of highly valuable land for the establishment of the Richard Wright Simpson Experiment Station.

Conducted the first state-wide aerial forest pest detection survey.

Organized a new laboratory in cooperation with the Livestock Health Department to produce a specific pathogen free swine for use in the research program.

B. The Extension Service -- A Summary Report

During the past forty years the Clemson College Extension Service, as the field educational arm of Clemson College and the United States Department of Agriculture, has expanded greatly, both in personnel and in its program of education and service to South Carolina farm and rural people.

In 1922 extension service employees numbered 147, including 94 men and women county workers, 41 specialists, and 12 administrative and supervisory workers. In 1962 the total number of extension workers has increased to 347, including 268 county extension workers, 63 specialists and 13 administrative and supervisory workers. This 1962 figure of 347 extension workers represents an increase of 234 percent in this forty-year period, this increase taking place mainly in the number of county extension workers.

During this forty-year period, including two world wars and a severe depression, the Extension Service has geared and adjusted its educational program to maintain the leadership of Clemson College in service to South Carolina farmers in a constantly changing agriculture. During these four decades cotton acreage in South Carolina decreased from 1,667,000 acres to 550,000 acres, and the agriculture of the state changed from a cotton economy powered by men and mules to a diversified agriculture balanced between crops and livestock, and powered almost entirely by mechanized equipment.

The introduction of new farm enterprises and expansion of others already tried were necessary to replace the loss of cotton income. Production of broilers, turkeys, soybeans, and other products new to South Carolina on a commercial basis, and the expansion of production of peaches, flue-cured tobacco, truck crops, dairy products, beef cattle and hogs, eggs, and other products grew and expanded during this period of adjustment. These changes brought the farmers of the state face to face daily with new problems requiring technical help and guidance.

Marked growth has taken place in the 4-H Club Program under supervision of the Extension Service, through which South Carolina farm and rural boys and girls are taught the principles of improved agriculture and homemaking, health, citizenship, and leadership. In 1922 a total of 4,502 South Carolina boys and girls enrolled in community 4-H Clubs. In 1961, this enrollment had increased to 65,100.

During this period, three state 4-H club camps, Camp Long, Camp Bob Cooper and Camp Harry Daniels have been established for the training of 4-H club

boys and girls. Since Dr. R. M. Cooper, as managing Director of the Santee-Cooper authority, was responsible for enabling Clemson College to obtain the use of the site and facilities of this camp, it was named for him.

C. Livestock and Poultry Health Service -- By Decades

1. The Decade of 1920-1930

A cooperative State-Federal Program between the USDA-BAI and Clemson College Livestock Sanitary Department was begun in 1920 with Dr. W. K. Lewis as Director. During the period 1920-1930, the Cattle Fever Tick was declared officially eradicated. A Tuberculosis program was begun in 1917 but no formal program was inaugurated until 1925. A Hog Cholera control program was started in 1917 and continued during this period. A program of blood testing chickens for Pullorum was continued. A program of vaccinating cattle against Blackleg continued. A diagnostic laboratory to aid in the diagnosis of all animal diseases occurring throughout the State was established.

2. The Decade of 1930-1940

The Tuberculosis eradication program was accelerated and in 1935 the State was declared Accredited, meaning that less than one percent infection remained. However, the program of testing cattle for Tuberculosis continued. Other programs continuing during this period were the Hog Cholera control program, Blackleg vaccination program and Pullorum testing program. The first official Brucellosis testing program began in 1934. The diagnostic laboratory was operative.

3. The Decade of 1940-1950

The Hog Cholera control program, Tuberculosis testing, Brucellosis testing, Pullorum testing, and Blackleg vaccination programs were all carried forward during this period. In 1946, the cooperative State-Federal Program was abandoned and Dr. Roy A. Mays was appointed State Veterinarian and head of the Clemson College Livestock Sanitary Department. In 1950, a memorandum of understanding was signed by the Department and the USDA-BAI for investigations and control of swine Erysipelas through the serum-culture method of vaccination. The diagnostic laboratory continued to function as an integral part of the Department.

4. The Decade of 1950-1960

During this period the Hog Cholera control program, Tuberculosis testing, Brucellosis testing and Blackleg vaccination program was continued. In 1950 an Act was passed by the General Assembly to Regulate and Supervise Public Livestock Markets, Stockyards and Dealers in Livestock in order to prevent the spread of contagious and infectious diseases of livestock. Enforcement of this Act came under the jurisdiction of this Department. In 1952, a memorandum of understanding was signed between Clemson College and the USDA-BAI for an eradication program for Vesicular Exanthema. A break of Vesicular Exanthema occurred late in 1953 and was subsequently eradicated. Another outbreak occurred in 1954 and was quickly eradicated and today no known Vesicular Exanthema exists in this State.

In 1954, again the USDA-ARS-ADED and the Clemson College Livestock Sanitary Department combined forces under a single Director employed jointly by Clemson College and the USDA - ARS - ADED. Dr. R. W. Carter was appointed director.

In 1954, the Brucellosis Eradication Program was greatly accelerated, and today only the completion of testing of cattle in one county remains before the State can become a Brucellosis Modified, Certified State.

In 1954, the General Assembly passed an act to require the cooking of raw garbage before being fed to swine and the Clemson College Livestock Department is charged with enforcing the provisions of this act.

In 1956, the use of live virus to control Cholera was prohibited by an act of the General Assembly and the Clemson College Livestock Sanitary Department was made responsible for enforcing this act.

The facilities of the Diagnostic Laboratory were greatly expanded during the period of 1950-1960. In cooperation with the Animal Husbandry Department, a specific pathogen free pig laboratory for the repopulation of the Clemson College swine herd was begun in 1960 and continues in operation to date. In 1960, the name of the Clemson College Livestock Sanitary Department was changed to Clemson College Livestock-Poultry Health Department.

In 1957, a formal Screwworm eradication program was begun. South Carolina was declared free of screwworms in 1959 but inspection of premises in suspicious cases is continued.

5. Summary

(a) Specific Accomplishments, 1920-1960

(1) Cattle Fever Tick eradicated.

(2) Vesicular Exanthema of Swine eradicated.

(3) State Declared Tuberculosis Accredited Area (Less than one percent of cattle infected with Tuberculosis).

(4) State in the final stages of becoming a Modified Certified Brucellosis Area.

(5) Marked expansion of Diagnostic Laboratory Facilities.

(6) Establishment of Specific Pathogen Free Pig Laboratory.

(7) Prohibited use of virulent Hog Cholera virus and mandatory cooking of raw garbage fed to swine in conjunction with sales barn vaccination of hogs against Cholera have advanced the Hog Cholera control program to a point where it is now feasible to think in terms of a Hog Cholera Eradication Program.

(8) Sales barn testing and vaccination program for control of livestock diseases.

(9) Eradication of Screwworms from South Carolina.

(b) Breakthroughs in Research Achieved

(1) First to report occurrence of Haemoproteus infection in turkeys on a flock basis.

(2) First to report simultaneous occurrence of Paratyphoid Dysentery and Paratyphoid abortion in sheep.

(3) Reported on an improved method for the diagnosis of Erysipelas, an infection that occurs in both man and animals.

(4) Second in United States to report on the occurrence of Erysipelas in chickens.

(5) First in Southeast and third in United States to report the occurrence of Pulmonary adenomyomatosis in cattle.

(6) First to report occurrence of Leucocytozoon in turkeys in South Carolina.

(7) First to report occurrence of Eperythrozoonosis in South Carolina swine.

(8) First to establish the nature and study of Keratoconjunctivitis in turkeys in South Carolina.

(9) Developed and reported a new technique for culturing whole egg yolks.

(10) First to report toxic effects of Crotolaria striata.

(11) Discovered that a grain fumigant caused small eggs in laying hens.

(12) Published first exclusive American Veterinary History text.

(13) First to demonstrate that cockleburs in ground feed are not toxic.

(14) Published booklet on Baby Pig Diseases.

D. Fertilizer Inspection and Analysis

1. The Decade of 1922-1931

During this Depression Period, the Fertilizer Department worked closely with other college agricultural agencies in maintaining a fairly adequate fertility program during a most trying time.

2. The Decade of 1932-1941

The Fertilizer Law was changed in 1939 and the guarantee for ammonia in the grade was changed to nitrogen and the order of stating the grade was changed to read "Nitrogen, available phosphoric acid and potash." South Carolina was the last state in the Union to make this change.

During the period 1932 through 1937, approximately 1300 samples were procured and analyzed. The analytical work was done by the Chemistry Department. The average cost of procuring the samples was $3.66 each.

In 1936 the Board appointed a special committee within the Board to study the activities of the fertilizer control office, with a view toward improving the efficiency of same. In November, 1937, a Department was established under the Director of the Experiment Station. The number of samples procured and analyzed in 1938, with the same staff, was 4318, and the cost for same was reduced to $1.21 each. Since this period, a vigorous and impartially administered program has been in effect.

3. The Decade of 1942-1951

The Fertilizer Law was changed and the total units of plant food was established at 20, thus reducing to a minimum the inert filler used in compounding fertilizer mixtures. Certain ratio and minimum analysis grade restrictions were established, thus reducing the number of grades manufactured from 210 to approximately 30.

4. The Decade of 1952-1961

The Fertilizer Law was changed in 1954. The principal change was to permit the manufacturers to report the tonnage and pay the taxes rather than attaching a tax tag. The Law authorizes the Board to establish a maximum of 20 ratios, with a minimum grade for each. South Carolina's modern fertilizer law, which incidentally has been modeled by many states, is enforced in a capable and impartial manner and has aided not only industry but the College also. A feeling of cooperation, mutual confidence and a desire to render a service to South Carolina farmers in promoting and maintaining a fertility program exists between Clemson College and the fertilizer industry. The total percentage of deficient samples over the past four decades has decreased from 32% to 5%, while the total units of plant food have increased from 15% to 26%.

In 24 states, the fertilizer law is administered by A&M colleges, which apparently the fertilizer industry likes. The principal advantages are (1) No politics are involved; and (2) Due to the close working relationship between the Fertilizer Control Offices and the Agronomy and other departments, needed recommendations are immediately promulgated, approved and put into effect.

As a result of the college survey conducted by a commercial firm in 1954, the department was changed to one of the five divisions in the School of Agriculture, effective July 1, 1955, with a director in charge, reporting directly to the Dean of Agriculture.

5. Significant Figures

Year	Tons Fertilizer Sold	Samples Drawn	Deficient in one or more Ingredients	Percent Deficient	Amount Refunded Farmers
1922	527,954.2	722	230	31.86	$ *
1923	693,040.1	1,181	360	30.48	
1924	850,196.4	1,272	366	28.77	
1925	872,019.2	1,239	368	29.70	
1926	846,779.9	1,327	362	27.28	
1927	722,115.6	1,348	441	32.72	
1928	793,337.4	1,525	584	38.30	
1929	775,177.0	1,307	367	28.08	
1930	734,232.2	1,356	336	24.78	
1931	602,228.8	1,057	271	25.64	
1932	455,048.8	961	252	26.22	
1933	547,459.9	1,226	343	27.98	
1934	586,021.9	1,037	94	9.06	
1935	613,620.8	1,283	61	4.75	
1936	614,673.9	1,544	136	8.81	
1937	776,912.2	1,651	124	7.51	
1938	666,853.2	4,318	279	6.46	
1939	677,950.7	4,980	376	7.55	
1940	682,672.5	5,026	226	4.50	
1941	713,270.9	5,446	324	5.95	
1942	658,776.2	4,939	266	5.39	
1943	802,578.5	4,450	295	6.63	
1944	813,774.4	3,880	242	6.24	
1945	837,271.6	3,574	324	9.07	
1946	839,292.2	4,456	456	10.23	
1947	894,345.0	5,314	243	4.65	9,344.20
1948	987,259.5	5,122	161	3.14	6,345.89
1949	998,512.0	5,030	223	4.40	8,869.93
1950	888,769.0	5,460	269	4.93	9,008.95
1951	982,916.0	5,311	277	5.22	12,561.48
1952	1,002,068.0	5,538	298	5.38	14,205.20
1953	1,000,766.0	5,631	229	4.13	13,982.32
1954	936,559.0	6,017	253	4.25	19,155.51
1955	928,715.0	6,413	249	3.93	11,896.68
1956	863,617.0	6,058	259	4.30	10,863.97
1957	817,500.0	6,275	306	4.94	16,979.00
1958	732,607.0	5,091	230	4.59	16,044.88
1959	890,302.0	5,656	241	4.29	14,497.46
1960	783,889.0	5,301	347	6.62	19,753.20
1961	803,261.0	5,630	285	5.13	18,418.36
Total amount refunded to farmers in last 15 years					$201,927.03

*Data only available for last 15 years

III. HIGHLIGHTS OF AGRICULTURAL PROGRESS

A. A Changing Agriculture

	1920	1960
Total Population	1,684,000	2,383,000
Farm Population	1,075,000	345,000
Number of Farms	193,000	78,000
Average Size of Farms in Acres	64	117
Cropland Harvested in Acres	5,397,000	2,694,000
Tobacco	98,000	80,000
Cotton	2,632,000	547,000
Corn	1,754,000	684,000
Oats (threshed)	196,000	336,000
All sorghum	17,000	36,000
Wheat	85,000	158,000
Vegetables for sale	16,000	63,000
Orchards, vineyards,etc.	24,000	69,000
Cash Receipts from Farming	$140,000,000	$367,000,000
All Crops	124,000,000	260,000,000
Livestock and Products	16,000,000	107,000,000

B. Increase in Unit Yields

	1920	1960
Tobacco (Pounds per acre)	675	1845
Corn - grain (Bushels per acre)	17	33
Cotton (Pounds of Lint per acre)	310	360
Soybeans - beans (Bushels per acre)	7	20
Wheat (Bushels per acre)	11	23
Oats (Bushels per acre)	23	30
Barley (Bushels per acre)	16	29
Eggs (Number per hen)	91	209
Milk (Pounds per cow)	3000	4920

C. The Farm Economy and Living Conditions

Farm Products Sold	1920	1960
Tobacco	7,700,000	90,800,000
Cotton and Cotton Seed	97,400,000	73,300,000
Dairy Products	4,100,000	25,100,000
Eggs	2,800,000	26,000,000
Broilers	2,100,000	9,400,000
Cattle and Calves	2,500,000	19,800,000
Hogs	4,300,000	19,100,000
Farm Forest Products	2,900,000	31,100,000
Peaches	700,000	11,600,000
Greenhouse and Nursery Products	500,000	2,300,000
Soybeans	-------	14,100,000

Percent of Farms Having	1920	1960
Electricity	2.6	98.2
Telephones	5.7	35.4
Automobiles	15.9	84.1
Trucks	0.8	40.9
Tractors	0.6	66.0
Locations on hard surface roads	0.5	53.7

SOUTH CAROLINA STATE CROP PEST COMMISSION

SWEET POTATO WEEVIL QUARANTINE

Clemson, South Carolina

Revised March 1, 1962

Whereas, the fact has been determined that a destructive insect known as Sweet Potato Weevil is known to occur in parts of the counties of Beaufort, Charleston, and Jasper, South Carolina and in certain other states;

Now, Therefore, The South Carolina State Crop Pest Commission, by virtue of the authority vested in it by an Act creating a State Crop Pest Commission Approved March 1912, do hereby establish a quarantine hereinafter setting forth the name of the pest against which the quarantine is established, the regulated areas, the regulated products, the conditions governing the issuance of certificates under which the regulated products may be shipped, and conditions governing the production, handling, and shipment of restricted material.

PEST: Sweet Potato Weevil, *Cylas formicarius elegantulus* (Sum.).

REGULATED AREAS:

Alabama: Counties of Baldwin, Coffee, Covington, Geneva, Henry, Houston, and Mobile.

Florida: Entire state.

Georgia: Counties of Appling, Bacon, Brooks, Bryan, Camden, Chatham, Colquitt, Cook, Decatur, Dougherty, Echols, Grady, Glynn, Liberty, Lowndes, McIntosh, Pierce, Thomas, Ware, and Wayne.

Louisiana: Parishes of Acadia, Allen, Ascension, Assumption, Avoyelles, Beauregard, Calcasieu, Cameron, Evangeline, Iberia, Iberville, Jefferson, Jefferson Davis, Lafayette, Lafource, Livingston, Orleans, Plaquemines, Pointe Coupee, Rapides, Sabine, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Helena, St. Landry, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne, Vermillion, Vernon, Washington, and West Baton Rouge.

Mississippi: Counties of Adams, Copiah, Covington, Forrest, George, Greene, Hancock, Harrison, Jackson, Lamar, Lawrence, Lincoln, Marion, Pearl River, Perry, Pike, Simpson, Smith, Stone, and Walthall.

Texas: Entire state with the exception of the counties listed in the Weevil Free Area plus that part of Cherokee County south of a line beginning at the Nacogdoches County line on State Highway 21 and continuing west along Highway 21 to Houston County line, also another portion of Cherokee County within the confines of a line beginning at Rush County line at Highway 79 and continuing West along said highway to farm-to-market road No. 2274, thence south to the town of Ponta thence on highway 110 southwest to the City

Texas Cont'd.: of Rusk, continuing from Rusk on farm-to-market road number 343 east to Nacogdoches county line; also, that part of Rusk County within the confines of a line beginning at the Nacogdoches county line on farm-to-market road number 225 thence north to highway 84 and continuing northwest to the township of Glenfawn, thence northwest to Sardis thence West on highway to Cherokee County line.

Texas Weevil Free Area: The counties of Anderson, Andrews, Armstrong, Archer, Brewster, Bailey, Borden, Bosque, Briscoe, Baylor, Brown, Bowie, Culberson, Castro, Cochran, Carson, Crane, Crosby, Concho, Collingsworth, Crockett, Childress, Cottle, Coke, Callahan, Coleman, Comanche, Clay, Cook, Colling, Cherokee (See Cherokee County under regulated area), Cass, Camp, Dallam, Deaf Smith, Dawson, Donley, Dickens, Denton, Dallas, Delta, Duval, El Paso, Ector, Eastland, Erath, Ellis, Floyd, Fisher, Foard, Fannin, Franklin, Freestone, Gaines, Garza, Glasscock, Gray, Grayson, Gregg, Gillespie, Hudspeth, Hockley, Hartley, Hill, Hansford, Hutchinson, Hamilton, Howard, Hale, Hemphill, Hall, Hardeman, Haskell, Hood, Henderson, Hunt, Hopkins, Harrison, Iron, Jack, Johnson, Jeff Davis, Jones, Kaufman, Kimble, Kent, King, Knox, Loving, Lamb, Lubbock, Lynn, Lipscomb, Lamar, Leon, Limestone, Llano, Mills, Mason, Moore, Marion Martin, McCulloch, McLennan, Manard, Midland, Motley, Mitchell, Montague, Morris, Nolan, Navarro, Oldham, Ochiltree, Potter, Parmer, Palo Pinto, Parker, Panola, Pecos, Presidio, Reeves, Roberts, Reagan, Randall, Robertson, Runnels, Rockwall, Rains, Rusk (See Rusk County under regulated area), Red River, San Saba, Sherman, Schleicher, Shelby, Smith, Sutton, Swisher, Sterling, Stonewall, Scurry, Shackelford, Stephens, Somervell, Terry, Taylor, Throckmorton, Tarrant, Terrell, Titus, Tom Green, Upshur, Upton, Van Zandt, Wood, Ward, Webb, Winkler, Wheeler, Wilbarger, Wichita, Wise, Yoakum, and Young.

South Carolina: Beaufort County - All of Hilton Head Island lying south and east of a line beginning where Broad Creek enters Calibogue Sound; thence in a northeastern direction along said creek to the point of its junction with South Carolina Highway No. 46 and the Folly Field dirt road, thence in a northeastern direction along Folly Field Road and extending along a newly opened road to Port Royal Sound.

Fripps Island - All of that area comprising Fripps Island.

Harbor Island - All of that area comprising Harbor Island.

Charleston County - East of Cooper River - That area comprising Sullivan's Island and the Isle of Palms.

City of Charleston and Charleston Heights - The City of Charleston proper and all that area lying south between the Ashley and Cooper Rivers beginning at a point where South Carolina Highway No. 7 leaves the Ashley River and extending north along Highway No. 7 to its intersection with United States Highway No. 52, thence east along United States Highway No. 52 to Reynolds Avenue, thence along Reynolds Avenue through the main gate of the United States Naval Base to the Cooper River.

Charleston County Continued - West of Ashley River - James Island - All that area lying within the one mile radius of the sweet potato weevil infestation on the R. F. Grimball farm (William Middleton, lessee). All that area lying within the one mile radius of the sweet potato weevil infestation on the Eleanor White Farm (Junius Richardson, lessee).

Morris Island - All of that area comprising Morris Island.

Edisto Island - All of that area comprising Edisto Beach.

Kiawah Island - All of that area comprising Kiawah Island.

Jasper County - Bellinger Hill - All of that area lying within the one mile radius of sweet potato weevil infestation on the farm of Addie Scott.

All of that area comprising Savannah River Wild Life Refuge, north and south of United States Highway No. 17.

RESTRICTED PRODUCTS: The living sweet potato weevil or any stage thereof, sweet potato roots or tubers, plants, vines or parts thereof; vines or roots of all plants belonging to the genus Ipomoea or such other plants as may be found to be hosts of the sweet potato weevil.

CONDITIONS GOVERNING THE MOVEMENT OF RESTRICTED PRODUCTS: Restricted products shall not be moved from any regulated area through, into, within or from the State of South Carolina unless accompanied by a valid Sweet Potato Weevil Quarantine Certificate attached to each container issued by a duly authorized inspector upon determination that (1) the material certified is apparently free from infestation of the sweet potato weevil and (2) the material certified has been produced, packed and handled in such a manner and under such conditions as to eliminate any danger of the spread of the sweet potato weevil.

Provided (1) that no certificate shall be issued for the movement of restricted material from the regulated area of South Carolina into any state which prohibits such entry, (2) that no certificate shall be issued for the movement of restricted material from the regulated area of South Carolina into the non-regulated area thereof except when such material has been properly fumigated with methyl bromide and/or when such material is consigned to and receipted by a processing plant for immediate use, (3) that sweet potatoes from the regulated areas of other states shall be admitted into South Carolina only when accompanied by a certificate issued by a duly authorized inspector of the state of origin attached to each container establishing the fact that the sweet potatoes shipped were properly fumigated with methyl bromide, (4) the shipper must notify the South Carolina State Crop Pest Commission at the time of the shipment of the fumigated sweet potatoes, giving consignee, destination, size, and date of shipment.

CONDITIONS GOVERNING THE PRODUCTION, HARVESTING, STORING AND MOVEMENT OF RESTRICTED PRODUCTS AND STORAGE AND FIELD CLEAN-UP OPERATIONS IN THE REGULATED AREA OF SOUTH CAROLINA.

a. Location of Seed Beds and Field Plantings.

No person shall bed or make field plantings of sweet potatoes within the regulated areas of South Carolina as described in this Quarantine.

b. Harvesting, Storing and Movement of Restricted Products and Storage and Field Clean-Up Operations.

Owners and tenants of all properties lying within the regulated areas of South Carolina shall conduct harvesting, storing and movement of restricted products and storage and field clean-up operations at a time and in a manner prescribed by an authorized inspector of the South Carolina State Crop Pest Commission.

Penalties: Under the provision of the Act creating a State Crop Pest Commission Approved March 1912, any person who shall violate any of the regulations shall be guilty of a misdemeanor and upon conviction thereof shall be punished by law. (See Section 6 - An Act of 1912 Civil Code of South Carolina, Volume II).

SOUTH CAROLINA STATE CROP PEST COMMISSION

SOUTH CAROLINA STATE CROP PEST COMMISSION

Clemson, South Carolina

Regulations Governing The Shipment of Tobacco Plants

Into South Carolina

Revised March 1, 1962

The fact has been determined that two serious virus diseases affecting tobacco known as Potato Y Veinbanding and Etch Mosaic are not generally present in the State of South Carolina. If these diseases become established in the tobacco growing areas of the state they will cause serious losses to the tobacco farmer.

In order to prevent the introduction of these diseases into South Carolina, the South Carolina State Crop Pest Commission by virtue of authority vested in it by the State Crop Pest Commission Act of 1912, hereby establishes a quarantine setting forth the names of the diseases against which this quarantine is established, the quarantined areas, the regulated products, and the conditions for movement of regulated products.

PESTS: The virus diseases Potato Y Veinbanding and Etch Mosaic.

QUARANTINED AREAS:

1. Prohibited Area.

Florida - Counties of:

Broward	Glades	Lee	Palm Beach
Charlotte	Hendry	Manatee	Pinellas
Collier	Highlands	Martin	Sarasota
Dade	Hillsborough	Monroe	St. Lucie
Desota	Indian River	Okeechobe	

2. Regulated Areas.

Florida - Counties of:

Alachua	Dixie	Hardee	Madison	Santa Rosa
Baker	Duval	Hernando	Marion	Seminole
Bay	Escambia	Holmes	Nassau	Sumter
Bradford	Flagler	Jackson	Okaloosa	Suwanee
Brevard	Franklin	Jefferson	Orange	Taylor
Calhoun	Gadsden	LaFayette	Osceola	Union
Citrus	Gilchrist	Lake	Pasco	Volusia
Clay	Gulf	Leon	Polk	Wakulla
Columbia	Hamilton	Levy	Putnam	Walton
		Liberty	Saint John	Washington

S. C. Regulations Governing The Shipment
of Tobacco Plants #2.

REGULATED PRODUCTS: Tobacco plants.

CONDITIONS GOVERNING MOVEMENT OF REGULATED PRODUCTS:

A. No tobacco plants produced within the prohibited area can be moved into the State of South Carolina.

B. No tobacco plants produced within the regulated area can be moved into the State of South Carolina unless and until they have been certified by the Florida State Plant Board, Gainesville, Florida, as having complied with the following regulations:

1. Plants must be sprayed or dusted at 7 to 10 day intervals beginning when they have true leaves and continuing until they are pulled. A pre-pulling application is recommended 5 to 7 days prior to pulling. Insecticides used must be approved by the regulatory officials of the state in which the plants are grown for the control of possible insect vectors of the virus diseases Potato Y Veinbanding and Etch Mosaic.

2. Plants must be field inspected by regulatory officials in the state of origin and approved as being free from injurious insects and plant diseases.

3. Each container of plants must be marked with a tag bearing a declaration of certification, variety, plants per bundle and plants per container.

4. Each load of certified plants shall be accompanied by a master permit showing: Consignee, Consignor, Date of Issuance, Place of Issuance, Number of Containers for which issued.

5. All tobacco plants not bearing valid certificates of the state of origin are subject to confiscation upon interception.

PENALTIES:

Any person or firm who shall violate these regulations shall be deemed guilty of a misdemeanor and upon conviction will be punished by law as provided by the Crop Pest Commission Act of 1912.

SOUTH CAROLINA STATE CROP PEST COMMISSION

REPORT ON DEVELOPMENT AND PUBLIC RELATIONS

to the

Board of Trustees

April 11, 1962

The Board Committee on Development and Public Relations met at Clemson on February 19, 1962. Members of the Committee present were A. M. Quattlebaum, Paul Quattlebaum, Jr., and James C. Self. Also present was L. D. Holmes. In the absence of Dr. W. A. Barnette, Chairman of the Committee, Mr. A. M. Quattlebaum was elected to serve as chairman for the meeting.

Others in attendance included R. C. Edwards, F. J. Jervey, J. E. Sherman, J. K. Williams, M. A. Wilson, W. T. Cox, H. H. Macaulay, O. B. Garrison, T. D. Efland and G. E. Metz, Secretary.

1. Good Wishes to Dr. Barnette. Before proceeding with the agenda for the meeting, the Committee by unanimous action voted to express regrets to Dr. Barnette that he could not be present and extend to him the very best wishes of all present.

2. Informational Reports. The attached informational reports were presented and reviewed with the Committee as follows:

A. Interim Report on Research at Clemson College Since May 1, 1961

B. A Report of The Textile Research Department of the School of Textiles

C. Progress Report, 1961-1962, Clemson College Agricultural Experiment Station.

D. Public and Alumni Relations

3. Item Under Consideration. President Edwards reviewed with the committee possible plans for the housing of women students and asked the members of the committee to give some thought to this matter prior to the meeting of the full Board.

INTERIM REPORT ON RESEARCH AT CLEMSON COLLEGE

SINCE MAY 1, 1961

The last annual report on research by the faculty at Clemson, filed last June, showed a continued growth in research with an increase of 47% in the number of faculty members reporting research published and an increase of 60% in the number of titles listed. There are several factors that are contributing to the increase in interest in research at Clemson with the result that the next annual report should show similar increases.

Graduate work, with few exceptions, involves a considerable emphasis on research. The Graduate School enrollment this year is over ten per cent higher than last year. Further, the quality of research being done by these students is higher as the proportion of doctoral students in the Graduate School increases. Three years ago there was only one student studying at the doctoral level; today there are 23. Since graduate students and faculty often work together on research projects, a larger and more advanced graduate student body will contribute to the amount and quality of faculty research.

A new Director of Engineering Research, Mr. Stanley Nicholas, who comes here from the Research and Development division of Continental Can Company, will assume his responsibilities here on March 1. The Experiment Station in the School of Agriculture and the Textile Research Department in the School of Textiles have encouraged and guided research in these Schools. Mr. Nicholas will do the same for the School of Engineering.

Funds available for faculty basic research as administered by the Faculty Basic Research Committee were increased this academic year and will rise again next year. During the current year the Alumni Association allocated $7,000 for basic research, up from $3,000 the year before.

For the coming year the amount will be $6,000. The National Science Foundation last year began a program of institutional grants for basic research, based on the amount of NSF research being done at the institution. This year Clemson received $685 from this source. Next year, because of a change in the formula for allocating these funds and because of increased research activity, Clemson will receive more than $5,000. Thus the total amount for faculty basic research will be over $11,000 compared to $7,685 this year, an increase of almost 50 per cent.

Basic research is important to the College for maintaining faculty skills and for enhancing the institution's reputation. Knowledge changes rapidly and it is the duty of the college faculty to keep abreast of these changes and to contribute to them. The faculty that does not will cease to attract good students and will produce graduates who are ill prepared to face the changes of the future. The flexibility afforded by the funds allocated to basic research is important in those fields where the benefits from such research are not so immediate or concentrated that they would warrant support by industry.

Grants approved by the Faculty Basic Research Committee during the first semester were made to:

William B. Barlage, assistant professor of chemical engineering; $2,671.20 for research on Interfacial Phenomena of Dissimilar Liquid-Liquid Interfaces during Mass Transfer.

Richard J. Calhoun, assistant professor of English; $275 for a study of Robert Lowell, a middle generation American poet. The results are scheduled to be published in book form by Barnes and Noble in their American Authors and Critics series.

James C. Fanning, assistant professor of chemistry; $1,112 for a study of The Reaction of 8-Aminoquinoline with Transition Metal Salts.

H. H. Wilson, associate professor of ceramic engineering; $63.50 for his work concerning a Vacuum Furnace for Growing Single Crystals.

Two books were published by faculty members during the first semester. Rebel Come Home, by Professors E. M. Lander and C. M. McGee, was published by the University of South Carolina Press. This book resulted from a study of the diary of Floride Clemson and was made possible by an earlier grant from the Alumni Loyalty Research Fund. Dean L. G. Rich's new book, Unit Operations of Sanitary Engineering, was published by John Wiley and Company. Dean Rich is working on a second book. Professor J. C. McCormac, of Civil Engineering, has been advised that his text, written two years ago, has been adopted as a text by twenty-nine American Engineering schools.

The next annual survey of faculty research will be presented to the Board at its May meeting.

A REPORT OF THE TEXTILE RESEARCH DEPARTMENT OF THE SCHOOL OF TEXTILES

To

The Development and Public Relations Committee of the Board of Trustees

February 19, 1962

The Textile Research Department is now entering its fifth year of existence as a separate department. Its staff has increased from one original department head to 19 members. This staff includes seven professional level people, four of whom are chemists, 10 technicians and a departmental secretary. With the rounded background of education and experience possessed by this group, it is possible to undertake a wider range of research problems in textiles than had before been possible.

Currently, the Research Department is completing the first year of a three-year study contracted with the USDA Marketing Research Service on the Effects of Ginning and Harvesting on Weaving and Finishing of Cotton. The study is a supplement to the work of the USDA Pilot Spinning Plant located in Sirrine Hall and entails the processing of yarns produced by them into finished fabrics under highly controlled conditions. The mass of data collected has been so extensive that the use of the Clemson Computer Center was necessary for its analyzation.

During the month of January, a second cooperative study with the USDA Pilot Plant was concluded. It involved the combing of sixty bales of cotton by the Textile Research Department to determine the effects of ginning conditions on combing. Reports on these cooperative studies will be released by the USDA.

As the research program has grown, the amount of work in the area of Textile Chemistry has increased more than proportional. With the increased activity in this area, laboratory space suitable for chemical research has

become critical. Efforts have been made over the past year to equip more space for chemical research. With the aid of the physical plant, four laboratories have been partitioned off and the basic utilities installed; however, the financing of the equipment for these units is still not arranged. At the current time, several possibilities are being investigated, and it is hoped that we can proceed to equip them at an early date so that our growth in chemical research will not be inhibited.

During the past year, we have conducted an increasing amount of research for private sponsors. Most of these sponsors have been suppliers to the textile industry rather than the textile industry itself. We have worked closely with some of the major fiber producers in evaluating the processability of their fibers and in the development of blend yarns. Such studies have utilized our processing laboratories completely, necessitating second and third shift operation at times.

Interest continues in the problems of stream polution, and currently we are engaged in three studies sponsored by chemical companies to develop and evaluate certain of their products as warp sizes. It seems desirable to have suitable substitutes for starch, since in many instances it is the major source of stream polution.

Negotiations are underway for new sponsored projects with proposals we have submitted being evaluated. Indications are that there is sufficient interest among sponsors of textile research to maintain the Textile Research Department in an orderly growth during the year.

Respectfully submitted,

T. D. Efland, Head
Textile Research Department

TDE:mm

PROGRESS REPORT, 1961-1962

Clemson College Agricultural Experiment Station

Highlighting the research conducted by the Agricultural Experiment Station during 1961-1962 were the following projects:

Swine Disease Research

The Animal Husbandry Department, with the cooperation of the Livestock-Poultry Health Department, is populating the Clemson Swine Center with "Specific-Pathogen Free" Pigs (SPF). The pigs are taken from the sow on the 112th day of gestation by hysterectomy, and kept in strict isolation until four weeks old. At that age, they are brought to Clemson, placed with the SPF herd, and raised under a recommended sanitation program. This research is being done to break the chain of infection of atrophic rhinitis and virus pig pneumonia, two virus diseases that cost swine producers millions of dollars each year.

New Oat Variety Released

A new variety of oats -- named the Sumter -- was released by Clemson during 1961. Dr. W. P. Byrd, of the Department of Agronomy and Soils, developed the new variety. Sumter has proven to be a good, all-purpose variety, with good resistance to certain small grain diseases. It has high yielding ability, and unusually stiff straw that enables it to stand well after maturity. Sumter has also been outstanding for the production of early fall forage.

Two New Cucumbers Released

Two new pickling cucumbers -- the Polaris and the Pixie -- have been developed by Dr. W. C. Barnes, at the Truck Experiment Station, and are planned for release in early spring. Polaris is expected to be adapted primarily to the South. Since it carries high resistance to downy mildew and powdery mildew, it should find its greatest advantage in the fall crop where diseases are always a problem and

frequently disastrous. Pixie also carries moderate to excellent resistance to diseases such as downy mildew, powdery mildew, anthracnose and mosaic. These two new varieties are expected to revolutionize the pickling industry in the state.

Foreign Markets Explored

For the first time, South Carolina watermelons were shipped to Europe during 1961. This sample -- 1,371 pounds in all -- was shipped by researchers of the Department of Agricultural Economics to a London produce importer, to gain information on how the melons hold up during the long ocean voyage. The receiving firm will also provide information on reactions of consumers, the size of the potential market, and usual prices for various types of melons.

Pre-packaging Peaches Studied

The Agricultural Economics Department also completed field work on a special study of consumer acceptance for pre-packaged peaches. This project was conducted in Syracuse, New York, with the cooperation of Cornell University. Results of the study indicate a favorable response of consumers toward packaged South Carolina peaches. It was found that about 66 percent more peaches were sold from displays of packaged fruit than from displays of bulk fruit. It appears that the potential market for pre-packaged South Carolina peaches is favorable.

Processing S. C. Pears

For some time, the Department of Horticulture has been studying fruits and vegetables in this area for their suitability for processing. Recent findings have shown that certain South Carolina pears, such as the popular Kieffer variety and others, can be used quite satisfactorily for baby food puree. Contrary to former beliefs, some of the South Carolina disease-resistant varieties were found to contain stone cells large enough to be easily removed by a simple screening process. This suggests the possibility that baby food manufacturers could use these pears

with large stone cells, and screen them out in the manufacturing process. Possibilities are good for this to become a commercial reality.

Witchweed Battle Continues

Great strides were made in the continuing fight against the parasitic plant, witchweed. First identified in Horry County, S. C. in 1956, witchweed was causing considerable damage to corn. The area of infestation has been confined to 26 counties -- 19 in North Carolina and 7 in South Carolina. Scientists working with the problem feel that if witchweed is to be eradicated, a way must be found either to eradicate witchweed seed from the soil, or find a way to make all the seed germinate so that the plants can be killed. The South Carolina State Crop Pest Commission has leased a 92-acre farm near Dillon, to use as a research and demonstration area. Research, extension and regulatory agencies of both North and South Carolina and the U. S. Department of Agriculture are working in close cooperation against this threat to the nation's corn crop.

Artificial Eggs Used By Poultry Scientists

The Poultry Department is using a new method to study the embryonic development of young chicks in the egg -- glass beakers and plastic eggs. Previously, in order to check on the development of a chick before it was hatched, the researchers had to break the egg and kill the chick. Now, the day-by-day development of the little chick can be seen in all its detail. Thus far, life has been maintained in these artificial eggs for only eight days, but the scientists hope to be able to extend this even longer. This research affords valuable knowledge which may be transferable to the study of embryos of other animals -- even humans.

Muscular Dystrophy Work Progresses

Research on cause and possible treatments of muscular dystrophy is being conducted by the Food Technology and Human Nutrition Department. The scientists are

comparing the bio-chemistry of muscular dystrophy in laboratory animals with that of the human, and hope to find compounds which have possible therapeutic value.

New Corn Header Developed

The Agricultural Engineering Department has developed a new, simple header to pick and shell corn in one field operation with a grain combine. The Clemson machine was developed to meet the needs of many southeastern farmers who own a combine and grow corn, but do not have enough acreage to justify the cost of a conventional corn header attachment. The attachment has been tested under various field conditions and has been proven highly satisfactory.

Study of Small Grain Seeds

The Seed Certification Department has been conducting surveys to determine the quality of small grain seed the farmers in the state are planting. Results have varied, but generally indicate a great need for improvement in small grain growing practices. In some instance, as few as 33 percent of the seed being planted had been cleaned, and only 25 percent had been treated. Noxious weeds were being planted profusely in some areas. One farmer was found to be planting up to 92 percent weeds. Another was found planting seed with a zero percent germination. The Seed Certification Department is continuing its program of research and education, showing how seed of unknown quality and origin can lead to low yields and unprofitable grain production.

Aerial Survey of Forests

During 1960 and 1961, the State Crop Pest Commission conducted statewide aerial surveys of South Carolina's forests -- the first ever made. These surveys were designed to (1) classify the forested areas according to type, and (2) to detect, record, and measure any areas that had been damaged by insects and diseases. During 1960, the survey revealed an estimated loss of some $6,375,000 due to forest pests. This study will be made annually, giving accurate, up-to-date information on forest insects and diseases.

New Clover Variety

Perhaps our greatest pasture need is a persistent, disease resistant, nutritious, cool season clover that will compete with tall fescue and together with fescue provide palatable grazing during the cooler season when Coastal Bermuda and the Bahia grass are dormant. After conducting an extensive clover breeding program for several years in cooperation with the Botany Department, P. B. Gibson obtained about one hundred grams of clover seed of a new variety that may fill the bill. These one hundred grams of precious seed have been sent to Corvalis, Oregon, for increase. If this variety performs as expected, in a few years it will be available first to the cattlemen of South Carolina and eventually to other states in the Southeast.

PUBLIC AND ALUMNI RELATIONS

As seems to be always true, the Department of Public and Alumni relations continues to run as hard as it can to stay even.

Even so, occasionally something new gets added -- and well accepted.

Most recent innovation has been the launching of a weekly news feature, researched and written by College Editor Ray Davis. This continuing feature, which rapidly became the envy of many colleges in this and other states, is distributed by the Associated Press --- to the morning papers one week and to the afternoon papers the next. College public relations personnel and newspaper personnel throughout the southeast, and in other areas in less volume, have the highest praise for this venture. The series is presenting virtually all phases of Clemson's educational, research and public service activities. It is being carried by virtually every daily in the state each week.

Clemson's general news coverage in the daily press of the state continues most satisfactory from the standpoint of both quality and volume.

The movie "This Is Clemson" is receiving wide and enthusiastic acclaim from alumni, civic, church, school, business and other groups throughout the nation. It was recently reviewed and highly praised by top administration personnel of the General Motors Corporation in Detroit. The eight copies being distributed by the Public Relations Office are solidly booked through April and new bookings continue to be scheduled. So far the movie has been shown 207 times to 26,481 people.

The Editors' Conference on the campus in late November was reasonably well attended and exceptionally well received by those in attendance. Entirely worthwhile editorials and features resulted in a number of papers.

The department prepared an attractive and well written institutional Annual Report covering the 1960-61 fiscal year and distributed it to more than 20,000 state officials, legislators, alumni, parents and other friends of the College.

The Alumni Loyalty Fund had a 1961 total income of $116,995. From unrestricted funds, the Trustees of the Clemson Foundation paid the total operating budget (including two salaries) of the Alumni Association and made grants totaling $51,367 to programs of undergraduate scholarship, graduate fellowship, faculty research, student government, permanent endowment, endowed chairs and to the Association reserve fund.

The endowed chair program begins with the 1962-63 academic year. Two professorships in areas where the Ph.D is offered will amount to $1,500 each.

The Loyalty Fund 1961 income of $116,995 is up from a comparative figure of approximately $20,000 six years ago.

Over a six-year period, the Fund has provided $273,131 for Clemson educational programs and, in addition, paid the six year Alumni Association operating budget of $164, 581.

Sometime this year, alumni gifts to Clemson through the Loyalty Fund program will pass the half-million mark since January 1, 1956.

Total giving to Clemson during the calendar year 1961 amounted to $664,272. To this might be added $66,337 in equipment loaned to the College for educational purposes and Clemson Foundation investment income of $14,511 for a GRAND TOTAL of $745,121.

REPORT ON EDUCATIONAL POLICY AND STUDENT AFFAIRS

to the

Board of Trustees

April 11, 1962

The Board Committee on Educational Policy and Student Affairs met at Clemson on February 20, 1962. Members of the Committee present were R. L. Stoddard, presiding, L. D. Holmes, A. M. Quattlebaum, Paul Quattlebaum, Jr., and James C. Self. Others present included R. C. Edwards, J. K. Williams, W. T. Cox, M. D. Farrar, H. L. Hunter, J. W. Jones, H. H. Macaulay, H. E. McClure, G. F. Meenaghan, M. A. Wilson, and G. E. Metz, Secretary.

I. JOINT REPORT OF THE DEAN OF THE COLLEGE AND THE DEAN OF STUDENT AFFAIRS

An informational report of the Dean of the College and the Dean of Student Affairs is attached hereto as reviewed at the meeting on February 20.

II. RECOMMENDATIONS

The recommendations on Educational Policy and Student Affairs are given as Items 7-12 in the recommendations submitted for consideration of the Board at this meeting (April 11, 1962). These include a proposed revision in the policy statement on the role of the College as attached hereto under the title of "Purposes and Goals -- A Policy Statement on the Role of Clemson College -- February 1, 1962". Also included as attached hereto is a proposed Resolution of Appreciation to The Clemson Alumni Association.

III. ITEM UNDER CONSIDERATION

Pertinent features of the National Defense Act of 1958 (Student Loan Program) were reviewed by the administration, without recommendation, at the meeting of the Committee on February 20. It was moved, seconded and passed by a vote of three to one, with one member abstaining, that the institution participate in this program. The Committee requested an additional review of this program at the meeting of the full Board on April 11.

INFORMATIONAL REPORT:
DEAN OF THE COLLEGE AND DEAN OF STUDENT AFFAIRS

1. PROGRAM OF ALUMNI AWARDS TO FACULTY AND STAFF IS DISCONTINUED AND REPLACED BY TWO ALUMNI PROFESSORSHIP SUPPLEMENTS.

On recommendation of President Edwards the Alumni executive group voted on January 15 to discontinue the program of $500 awards to members of the faculty and staff. The decision was based on the fact that fair and equitable selection procedures could not be worked out and on the belief that available Alumni funds could be better spent by establishing alumni professorships. As a result, two alumni professorship supplements will be announced for 1962-1963. These will be in areas where the Ph.D degree is offered, and will amount to $1500 per professor. Complete details are being worked out. The professorships will assist the administration in attracting to and holding on the faculty experienced scholars. It is hoped that additional professorships of this nature may be obtained.

2. TEACHING LOAD INFORMATION

Subject to Board approval the Dean of the College proposes to present annual statistical information on teaching loads, rather than semester reports. In line with that proposal, the data presented below is for the academic year 1960-61. Data for 1961-62 will be given in September, 1962.

The teaching load data show student load per class as opposed to student-teacher ratio. Student-teacher ratio is not an accurate indicator of work being done and does not reflect the fact that students vary in the number of hours of course work taken.

The weekly clock-hour teaching load for each department and school is also given. These data are meaningful only when related to time spent in lecture and laboratory preparation, paper grading, student counselling, thesis direction, committee activities research and the like.

TEACHING LOAD DATA, 1960-1961

Dept.	No. full Time Teacher Equivs.	Student Load: Per Theory Section	Student Load: Per Lab Section	Student Load: Per Class	Weekly Clock Hour Teaching Load: Th.	Weekly Clock Hour Teaching Load: Lab.	Weekly Clock Hour Teaching Load: Total	Credit Hr. Teaching Load
Ag Econ	5.0	21.7	13.5	21.6	11.1	3.3	14.4	12.4
Ag Educ	2.1	14.7	9.5	13.2	4.8	12.1	16.9	7.1
Ag Engr	2.7	18.9	13.8	15.5	6.6	10.0	16.6	10.0
Agron	4.0	21.8	17.4	20.3	6.1	9.4	15.5	9.3
A.H.	3.4	15.8	13.2	15.0	6.0	8.4	14.4	8.3
Bot.-Bact.	6.5	24.6	13.9	20.0	5.2	11.5	16.7	9.1
Dairy	2.2	15.8	12.3	14.8	7.3	8.2	15.5	10.0
Ento-Zoo.	5.9	32.3	24.0	29.0	5.8	13.0	18.8	10.2
Forestry	4.6	26.1	16.6	22.6	7.0	11.6	18.6	10.5
Hort	2.7	11.4	19.3	13.1	9.6	8.3	17.9	12.4
Poultry	1.2	17.2	26.2	20.6	4.2	7.5	11.7	6.6
Agric. Totals	40.3	21.1	17.4	20.0	6.5	8.9	15.4	9.5
Archit. Totals	13.0	14.9	15.9	15.8	3.0	17.7	20.7	9.8
Chem.	20.5	42.8	39.6	41.3	6.0	6.6	12.6	8.2
English	30.5	21.0	0	21.0	14.8	0	14.8	14.8
I.M.	5.0	23.5	0	23.5	15.0	0	15.0	15.0
Math.	27.0	29.5	0	29.5	14.1	0	14.1	14.1
Phys.	15.0	28.8	17.3	25.5	7.5	8.8	16.3	10.4
Soc. Sci.	27.5	24.2	11.3	23.8	13.4	1.4	14.8	13.8
*A&S Totals	125.5	26.3	26.4	26.3	11.9	2.4	14.3	12.8
Cer Engr.	3.0	16.5	10.2	13.1	9.8	11.2	21.0	13.5
Chem Engr.	7.5	13.7	8.6	11.8	4.7	9.7	14.4	7.5
Civil Engr.	6.5	17.6	17.7	17.7	6.3	9.5	15.8	9.5
EE	13.0	17.5	11.5	15.5	8.0	6.8	14.8	10.3
EG	11.5	7.0	26.9	26.8	0.1	28.1	28.2	6.1
EM	4.5	21.4	11.8	20.2	14.0	5.7	19.7	15.9
IE	6.5	20.1	33.5	26.2	5.3	13.4	18.7	9.8
ME	9.5	18.0	11.4	16.2	7.8	7.3	15.1	10.4
Engr. Totals	62.0	17.9	20.8	18.3	6.2	10.3	16.5	9.6
Tex Chem	3.0	19.8	10.0	17.4	6.3	6.5	12.8	8.5
T.M.	3.5	27.7	13.9	21.9	7.0	11.3	18.3	11.0
W.D.	5.5	17.7	12.7	14.2	2.7	10.3	13.0	6.5
Y.M.	3.5	21.7	11.8	17.6	5.0	6.7	11.7	8.3
Textile Totals	15.5	22.4	12.5	17.9	4.9	9.0	13.9	8.3
* College Totals	256.3	24.0	19.4	22.8	8.9	6.4	15.3	11.1

* ROTC not counted.

3. NATIONAL SCIENCE INSTITUTE

Again this summer the College will sponsor a National Science Foundation Science-Teacher Institute. About sixty teachers are expected to enroll for the six-week program which will be under the direction of Dr. F. I. Brownley, Jr., Head of the Department of Chemistry and Geology.

4. **MOST DEPARTMENT HEADS TO BECOME TWELVE-MONTH EMPLOYEES**

Beginning in September, 1962, all except five department heads will become twelve-month employees. Previously only the heads of Agriculture departments have been employed for a full year. This step is being taken to facilitate the College plans for year-around operation and to enable the various departments to function in a smoother way.

5. ACADEMIC COUNSELLING PROGRAM STRENGTHENED

Effective this semester the academic counselling program of the College has been strengthened.

The four steps listed below are expected to improve the counselling situation, especially regarding freshmen:

a. A procedure will be worked out with Dean Walter Cox whereby students will be informed that they are to visit with their faculty counsellors when requested to do so. The deans do not believe the President should play a direct part in this, but that the Dean of Student Affairs, via appropriate communication, should make students aware of their obligation in this regard.

b. In the future the so-called mid-term grades will be mailed to parents and counsellors at the conclusion of seven full weeks of class work, this report will be called the preliminary report on academic progress.

c. Faculty members will be informed that the seven-week grading

system is to be uniform. based on 1 - excellent (A grade); 2 - satisfactory (B and C grades); and 3 - unsatisfactory (D and F grades).

d. A standard book on how to study, how to budget time, and how to adjust from high school to college work is to be purchased by the College and given to each freshman by the student's academic counsellor.

6. INDUSTRIAL MANAGEMENT DEPARTMENT TO BECOME PART OF TEXTILE SCHOOL IN JUNE

Last year the Board authorized the transfer of the Industrial Management department to the School of Textiles at a time deemed appropriate by the administration. Present plans are to implement the transfer immediately following the current academic semester. In connection with the transfer the School of Textiles will be renamed to include the Industrial Management title.

7. UNDERGRADUATE COLLEGES REPRESENTED ON CLEMSON FACULTY

One hundred forty-one colleges and universities are represented on the teaching staff of Clemson, according to a count of the undergraduate degrees held by faculty members of the five schools of the College. The 141 institutions are located in 38 states and six foreign countries, and the colleges and universities located in the United States are as widely separated as the University of Texas, the University of Maine, the University of Oregon, and the University of Florida.

While 98 of the 364 faculty members are Clemson graduates, there are 266 who received their undergraduate training at other institutions. Virginia Polytechnic Institute heads the list of other colleges with eleven graduates on the Clemson teaching staff. The institutions, other than Clemson, which are represented by three or more graduates are listed below.

VPI	11	Univ. of Georgia	9
Wofford	10	Univ. of N. C.	8

Auburn	7	Georgia Tech	3
Duke University	7	Newberry College	3
Furman University	7	Randolph-Macon College	3
N. C. State College	7	University of Alabama	3
University of Tennessee	6	University of Kentucky	3
University of Virginia	6	University of Oklahoma	3
Iowa State University	5	University of Pennsylvania	3
Univ. of South Carolina	5	University of Wisconsin	3
University of Texas	5	West Point	3
Emory University	4	Winthrop College	3
Berea College	3		

8. BACHELOR OF ARTS CURRICULUM TO BE ESTABLISHED IN SEPTEMBER

At its November, 1961 meeting the Board authorized the College to offer the Bachelor of Arts degree at an appropriate time. The various curriculum committees of the College have worked out details related to the A. B. curriculum, and the administration has set September, 1962 as the date for implementation of the new program.

9. REPORT OF THE GRADUATE SCHOOL

The Graduate School continues to grow, both in size and in quality. Two new curriculums have been approved by the Graduate Council to begin in September 1963. The Industrial Management Department will initiate a program leading to the Master of Science degree which will enroll students with Bachelor's degrees in engineering as well as most other fields and attempt to add management training to their previous professional education.

The second new curriculum will be that leading to the Ph.D. in Chemical Engineering. This department has a staff of six, each holding the Ph.D., and with five of the six having practical industrial experience.

One measure of the quality of both students and instruction is the level at which work is being undertaken. Three years ago only one student in the Graduate School was enrolled in a Ph.D. program. In the current academic year 23 students are so enrolled.

The prospects of our continuing to attract high quality students have been aided greatly by new fellowships received during the calendar year. Three departments received two NDEA fellowships each, effective in September. These will pay students an average of $2,200 a year plus a dependency allowance for three years of study. In addition the College receives an annual cost of education allowance of $2,500 for each student.

The U. S. Public Health Service gave fellowships of $3,000 each to two students studying in newly-established water resources engineering program. The National Science Foundation awarded fellowships approximating $2,200 each to two graduate students, one in chemistry and one in horticulture.

Additional fellowships were received from the following donors:

a. The South Carolina Association of Soil Conservation District Supervisors established the E. C. McArthur Memorial Fellowship which pays $3,000 a year for a student studying in agricultural watershed hydrology.

b. The American Potash Institute will give $2,500 a year for three years for a fellowship in agronomy.

c. Coker's Pedigreed Seed Company will give $2,400 a year for three years for a fellowship in agricultural education.

d. The Southeastern Section of the American Water Works Association has given $500 for a student working in sanitary engineering.

The second and third students to earn Ph.D. degrees at Clemson are expected to graduate in June, 1962, both in the field of Entomology.

10. HONORS PROGRAM UNDERWAY

The College Honors Program is underway this semester and has enrolled thirty-six students in four special courses. The students have grade-point ratios ranging from 2.9 to 4.0. Two of the students are majors in Agriculture, two in Architecture, seven in Arts and Sciences, seventeen in Engineering, and two in Textiles.

11. SECOND SEMESTER ENROLLMENT

The present enrollment is 3802; however, enrollment for the second semester is still continuing and the final figure will be slightly higher. The enrollment of 3802 is 51 more than the 3751 enrolled a year ago.

The current enrollment represents a drop of 302 from the first semester enrollment of 4104. This reduction, however, is less than the drop which occurred between semesters last year even though this year's mid-year graduating class of 173 was the largest since the post-war period.

The present student body is composed of 76 new students, 185 former students, and 3541 continuing students. These figures include 146 graduate students and 92 women.

12. ADMISSIONS

The Office of Admissions and Registration is implementing the selective admissions policy adopted by the Board last June. A number of students were refused mid-year entrance bacause of unsatisfactory high school or college records.

In addition to a change from an admissions policy based entirely on entrance examinations, to a policy based on an evaluation of the student's scores and previous schooling, the Office of Admissions and Registration has also changed to an early acceptance program.

Previously, an acceptance has not been given until the student graduated from high school; now, however, students are being considered for admission on the basis of seven semesters of high school work. In actual practice, students in the upper three-quarters of their respective classes, who are recommended, and who meet the minimum score requirements on the entrance examinations are being accepted subject, of course, to their graduation from high school.

While these changes in procedure have greatly increased the work load in admissions, they are steps forward and have been well received by secondary school principals and counselors. As a part of this program, the high school principals are being informed of all admissions decisions concerning applicants from their schools.

Over 1600 new student applications have been received for entrance in June and September. This is an increase of 118 over the figure for a year ago.

13. STUDENT AID AND PLACEMENT

Undergraduate academic loans and scholarships were over $138,000 last year. Part-time student employment earnings totalled about $588,000. The amount of new student loans has been brought into balance with repayments.

Placement services for undergraduates, graduate students, and alumni remain in constant demand. Confidential faculty appraisals are being consolidated and made available to company representatives in the placement office until the student graduates, then filed with his resume and transcript for official use in the future.

Alumni may now choose between two services: (1) mailing of placement bulletins only; (2) receiving bulletins plus referral to prospective employers. Last spring 130 graduates from 27 curricula were receiving the bulletins at one time.

CLEMSON COLLEGE
Office of Admissions and Registration

February 19, 1962

ENROLLMENT SECOND SEMESTER 1961-1962

The enrollment for the current semester is 3809, an increase of 58 over the enrollment for the second semester 1960-1961.

The enrollment by schools and a comparison with the two previous semesters are as follows:

School	Second Semester 1960-1961	First Semester 1961-1962	Second Semester 1961-1962
Agriculture	577	620	583
Architecture	178	233	214
Arts and Sciences	1195	1224	1225
Engineering	1359	1531	1279
Textiles	286	303	317
Graduates	130	159	159
Postgraduates and Unclassified	26	34	32
TOTAL	3751	4104	3809

CLEMSON COLLEGE
CLEMSON, SOUTH CAROLINA

PURPOSES AND GOALS

A Policy Statement on the Role of Clemson College

February 1, 1962

The purposes and goals of Clemson College are those of most Land-Grant Colleges in the United States: education, research, and public service, with emphasis on the agricultural, engineering, and natural sciences. As a state-supported institution, the College devotes much of its attention and effort to activities which will enhance the cultural and economic welfare of South Carolina.

I. THE BASIC ROLE

1. Basic Aims and Purposes: The basic role of this institution was determined by the provisions of the will of Thomas G. Clemson, the acceptance of its terms and conditions by Act of General Assembly of South Carolina, and by the Morrill Land-Grant Act passed by the National Congress in 1862.

- From the Clemson Will -- "My purpose is to establish an Agricultural College which will afford useful information to the farmers and mechanics; therefore, it should afford thorough instruction in agriculture and the natural sciences connected therewith, it should combine, if practicable, physical with intellectual education, and should be a high seminary of learning in which the graduate of the common schools can commence, pursue, and finish a course of studies terminating in thorough theoretic and practical instruction in those sciences and arts which bear directly upon agriculture... but to always bear in mind that the benefits herein sought to be bestowed are intended to benefit agriculture and mechanical industries..."

- From the Act of Acceptance -- "The State of South Carolina hereby expressly declares that it accepts the devise and bequest of Thomas G. Clemson subject to the terms and conditions set forth in his last will and testament."

- From the Morrill Land-Grant Act of 1862 -- "...the leading object shall be,...to teach such branches of learning as are related to agriculture and mechanic arts...in order to promote the liberal and practical education of the industrial classes in the pursuits and professions of life."

The College must continue to be faithful to these basic aims in the light of developments as they come. Legislative Acts of the General Assembly of South Carolina and the National Congress subsequent to the founding of the College have enhanced rather than modified the basic purposes of the institution. The concept of teaching, research, and public service, developed first in the area of agriculture, is basic to the public trust of the Land-Grant Colleges. The extension of this concept to engineering, industrial, and other scientific areas is in conformity with basic purposes in the Clemson Will.

2. Fulfilling the Basic Role: If the College is to maintain its place of leadership in South Carolina in "scientific culture" and be the "high seminary of learning" visualized by its founder, it must be alert to the needs of agriculture, engineering, and industry, and it must strive not merely to stay abreast of scientific development but to participate actively in furthering scientific development.

Fulfilling such a role means continuing development of:

- A strong educational program in a variety of undergraduate curricula designed to meet the needs of the students served by the College.
- A strong graduate program which is necessary in all major fields of the College for maintaining the scholarly staff and atmosphere essential to a strong undergraduate program and a creative research program.
- An active research program in all major fields which is essential to scientific development and leadership in technical advancement.
- Special public services for sharing knowledge with agriculture, engineering and industry.

II. SCHOOL OF AGRICULTURE

1. Instruction: Since Clemson College is the center of agricultural information and education in South Carolina it is essential that the institution maintain a sound instructional program in agricultural subjects.

The School of Agriculture will continue to develop the undergraduate program and offer curricula to meet changing conditions.

A strong graduate program is necessary for Clemson properly to fulfill its obligations to the citizens of the State and attain the relative standing among educational institutions that the College deserves. The graduate program in Agriculture will be further developed as funds and personnel become available. The Ph.D. degree will be offered in the fields where a clear need exists.

The school accepts the obligation to provide agricultural short courses for adult farmers, youths, and other special groups.

2. Research: The South Carolina Agricultural Experiment Station has the role of maintaining an aggressive research policy which promotes stability in agriculture and aids farmers in maintaining their position economically and socially with other segments of society.

3. Extension Service: The Clemson College Extension Service is a branch of the Clemson Agricultural College. It is a cooperative service supported by the counties, the State, and the Federal Government. The Extension Service is responsible for conducting with all people of South Carolina the cooperative educational and demonstrational programs in agriculture and home economics of Clemson College and the United States Department of Agriculture.

The annual plan of agricultural and home economics extension work is developed and carried out with close cooperation between the Extension Service and the farm and home leadership of the State, the counties, and the rural communities and neighborhoods.

4. Regulatory Service: By acts of the South Carolina General Assembly certain agricultural programs involving regulatory procedures have been assigned to the Clemson Agricultural College.

The policy of the College as authorized and directed under these acts will be the continuation of an efficient and impartial compliance program, which, in addition to the present acts, includes the promulgation of rules and regulations by the Board of Trustees of the Clemson Agricultural College in the furtherance of these services but not inconsistent with said acts, for the protection of South Carolina farmers and agriculture.

These regulatory services include the Fertilizer Inspection and Analysis Department, the Livestock-Poultry Health Department, the Seed Certification Department, and the Crop Pest Commission.

III. SCHOOL OF ARCHITECTURE

1. Professional Education: Clemson College offers the only professional curricula available in South Carolina in preparation for the practice of architecture. The basic mission of the School of Architecture is:

- (1) Primarily that of providing high quality professional education in architecture, and
- (2) Secondarily that of offering instruction which will equip students for service in other areas of the building industry, and maintaining programs and courses in the several visual arts which will enrich the cultural climate of the college and community.

Professional training for the architectural profession, which is at once an art and a science, necessarily includes basic work in the humanities and a core of creative design courses undertaken concurrently with theoretical studies in the sciences and visual arts.

2. Collaboration with Profession: The school closely serves and derives notable support from the profession in the state. This collaboration is aimed towards the development of programs of high national rank.

The school must also serve the architectural profession by offering postgraduate short courses and by assisting with publications and other programs.

3. Development: Believing that the professional undergraduate program is established on a sound basis, the school is presently beginning work in these three areas:

- (1) A sponsored research program in the areas of design, structures, and regional planning;
- (2) A program of graduate studies leading to the Master of Architecture degree; and
- (3) Courses in the visual arts for non-architects, with the ultimate objective of offering professional work leading to the B.F.A. degree.

IV. THE SCHOOL OF ARTS AND SCIENCES

1. A Threefold Role: The role of the School of Arts and Sciences in the present and future of Clemson College is threefold in nature. First, it offers instruction in the fundamental cultural subjects and basic sciences required of all undergraduate students at Clemson; secondly, it trains students professionally, at both undergraduate and graduate levels, in certain specialized areas, such as Chemistry, Industrial Management, Mathematics, and Physics; finally, it provides leadership to the College in the creation and promotion of an intellectual and academic atmosphere on the campus.

2. General Undergraduate Teaching: Until fairly recently, nearly all of the teaching in the School of Arts and Sciences has been service teaching for the professional curricula. This teaching program has included cultural subjects needed to turn out broadly educated graduates, and in addition has included the fundamental sciences on which professional curricula are based. It is anticipated that this service will be continued and expanded as needed. In addition, it is expected that a typical A.B. curriculum will be developed in the future. This development is expected as Clemson develops its university status.

3. Undergraduate Specialized Training: In addition to general education provided by the School of Arts and Sciences, professional training is provided in the areas of Chemistry, Industrial Management, Mathematics, Physics, Pre-Medicine and Secondary School teaching.

4. Graduate Specialized Training: A strong graduate program is a necessity for any institution wishing to attain national academic recognition. Furthermore, the rapid industrialization of South Carolina has enormously increased the demand for men and women with advanced technical training. In order to do its share in meeting this demand, the School of Arts and Sciences now has a strong Ph.D. program in Chemistry and will soon start a similar program in Physics. Additional graduate programs will be developed in other areas as the need arises.

V. THE SCHOOL OF ENGINEERING

1. The Role of Instruction, Research, and Development: Since Clemson College is the largest and best equipped school of engineering in South Carolina, and has the best qualified staff for instruction and research in the State, it is essential that the institution maintain a strong program in engineering to provide instruction in those branches of engineering which are needed, and to provide staff and facilities for research and development in engineering fields.

2. Undergraduate and Graduate Instruction: While it is not anticipated that all branches of engineering will ever be offered by Clemson, the policy of the School of Engineering is to offer those curricula which are essential to sound engineering education and of interest to the industries and engineering firms of South Carolina. Clemson must not only have a strong undergraduate school of engineering, but must offer graduate work at both the master's and doctor's level in order to properly perform its function

to the citizens of this State and the Southeast. At the present time the Master's degree is offered in several branches of engineering, namely, Agricultural, Ceramic, Chemical, Civil, Electrical, and Mechanical. Beginning in September 1961, a new program leading to the degree of Master of Science in Water Resources Engineering will be offered. Plans are now being made for programs leading to the Ph.D. degree in several areas. These programs will be implemented in the near future.

3. Research: Basic research is an essential and indispensable part of the education of scientists and engineers. Its educational values are vital, imperative, and essential to the development of creative minds. The School of Engineering must, therefore, carry out a strong program of basic research activities. An expanded program of sponsored research is also necessary to care for the needs of engineering and industrial firms of the area and to provide financial assistance for the overall research activity.

4. Public Service: A continuing educational program for professional engineers is also offered through a series of short courses as the need and opportunities arise. Several of these are planned each year.

As soon as funds are available the State should establish an Engineering and Industrial Extension Service which should work in connection with the Schools of Engineering and Textiles in providing services to our engineers and industries throughout the State. Such a service should not only furnish consultants on technical matters but also provide an expanded program of short courses such as now being given to better fill the needs of engineering personnel in this region.

VI. THE SCHOOL OF TEXTILES

1. The Role in Undergraduate and Graduate Instruction: Clemson College is one of the largest of the ten textile schools that have served the American textile industry. South Carolina is the leading textile state and textiles

is the leading industry in the state, carrying a dominant part of the State's tax burden. For these reasons Clemson is obligated to offer a superior education in textiles. In order to properly serve this function, the School of Textiles must continually upgrade its undergraduate curricula and devote greater emphasis to graduate study.

2. Research and Public Service: While instruction is the primary role of the School of Textiles, the basic policy for the school includes two secondary roles. These are (A) the promotion of a progressive research program; and (B) the maintenance of aggressive public relations with all segments of the industry. To a large degree this second function is accomplished through acquainting the industry with the findings of the research program through publication and other media.

The Clemson Agricultural College

OF SOUTH CAROLINA

RESOLUTION OF APPRECIATION

TO

THE CLEMSON ALUMNI ASSOCIATION

April 11, 1962

WHEREAS, the Members of the Board of Trustees of The Clemson Agricultural College of South Carolina desire to record their gratitude to the Clemson Alumni Association for the enhancement of the Educational Program of the College through gifts to the Alumni Loyalty Fund,

WHEREAS, in the six-year period since the beginning of the Alumni Loyalty Fund in 1956, a total of nearly $300,000 has been provided from this fund for specific developments in undergraduate scholarships, graduate fellowships, student government, library holdings, faculty research, faculty recruitment, permanent endowment, and the recent program of salary supplements for distinguished professors,

WHEREAS, the provision for two alumni professorship supplements, to begin in September 1962, initiates a potentially outstanding venture in recruiting and retaining distinguished scholars for the educational program, and

WHEREAS, the service of distinguished scholars on the capable and dedicated Clemson staff should be an inspiration to faculty and students and an effective means of enhancing the scholarly tone of the institution,

BE IT RESOLVED that the Board of Trustees of the Clemson Agricultural College of South Carolina hereby makes formal acknowledgement of its gratitude to the Clemson Alumni Association, its officers and directors, and to all Clemson alumni who have contributed to the educational program of the institution through gifts to the Alumni Loyalty Fund;

FURTHER RESOLVED that this resolution be inscribed in the minutes of this Board and properly conveyed to the Clemson Alumni Association.

ADOPTED by the Board of Trustees of The Clemson Agricultural College of South Carolina and spread upon the minutes of the meeting on this eleventh day of April, 1962.

G. E. Metz, Secretary of the Board of Trustees

R. M. Cooper, President of the Board of Trustees

EXECUTIVE COMMITTEE REPORT

to

THE BOARD OF TRUSTEES

April 11, 1962

The Executive Committee met in the office of Senator Edgar A. Brown in The State House in Columbia on March 13, 1962. Members of the Committee present were Edgar A. Brown, presiding, Robert R. Coker, W. Gordon McCabe, Jr., and R. M. Cooper, ex officio member. Others present were R. C. Edwards, Melford A. Wilson and G. E. Metz, Secretary.

I. RECOMMENDATIONS

Items considered and approved by the Executive Committee for presentation to the Board are embodied as Items 12-25 in the recommendations for consideration of the Board at this meeting (April 11, 1962). The Water Agreement with the Town of Clemson recommended for confirmation under Item 13 is attached to this report.

II. ADDITIONAL ITEMS

National Defense Education Act of 1958 -- Title II, Loans to Students in Institutions of Higher Education. Pertinent features of this Act were reviewed with the Committee at the meeting on March 13. The Committee authorized the administration to initiate an application for participation in this program with additional consideration to be given to this matter at the meeting of the Board on April 11.

Letter from Mr. Paul League of The Journal Company, Seneca, S. C. President Edwards called the attention of the Executive Committee to a letter received from Mr. Paul League of The Journal Company of Seneca asking whether or not the Clemson Board would consider holding the regular meetings of the Board open to the press and the public.

STATE OF SOUTH CAROLINA)
)
COUNTY OF PICKENS) MEMORANDUM OF AGREEMENT

This Agreement made and entered into this the 8th day of December, 1961, by and between The Clemson Agricultural College of South Carolina, a body corporate and politic under the laws of the State of South Carolina, party of the first part, hereinafter designated as and called the "College", and the Town of Clemson, a municipal corporation created and existing under the laws of the State of South Carolina, party of the second part, hereinafter designated as and called the "Town".

WITNESSETH:

That, in consideration of the covenants and agreements hereinafter contained and other valuable considerations, the parties hereto, for themselves, their successors and assigns, have mutually agreed and do agree with each other as follows:

FIRST: The College agrees that, on the effective date of this agreement, it will transfer without cost to the Town, all its rights of ownership to the water mains, service lines, and water meters then installed in the Town; except master meters, the ten inch transmission line along College Avenue and the sixteen inch transmission line along U. S. Highway 123 By-Pass. The sole ownership of the ten inch and sixteen inch transmission lines shall remain in the College and the Town shall not have the right to connect mains, hydrants or service lines thereto.

SECOND: The College agrees to install at its expense, own, and maintain, at such location as it shall select, one meter for the purpose of metering water at wholesale to the Town, and install all mains and valves required to supply water through such meter into the Town's system. Any additional wholesale meters requested by the Town and approved by the College shall be purchased, installed, owned, and maintained by the College, and the College shall be reimbursed by the Town for all costs incident to such additional installations, including cost of meters.

THIRD: The Town agrees that it will accept without cost, on the effective date of this agreement, all rights of ownership of the College to the water mains, service lines, and water meters, except the College's master meters, then installed in the Town, thereby relieving the College of all responsibilities for continuing service to the individual retail consumers.

FOURTH: In the event it is ever mutually agreed by both parties that the College should resume the responsibility for furnishing water at retail to the citizens of the Town, the Town agrees to transfer without cost to the College, on the effective date of such agreement, all its rights of ownership to the water mains, service lines, and water meters then installed in the Town water system.

FIFTH: The Town agrees that it will not sell water to any consumer located within the East Clemson Water District; on college property within the triangle formed by U. S. Highways 76, 123 and 123 By-Pass; south of the corporate limits of the Town of Clemson; or west of Seneca River or Hartwell Dam Reservoir. The Town also agrees that it will not furnish water for manufacturing processes.

SIXTH: The College agrees that it will deliver to the Town water, which the Town hereby agrees to use and pay for at the time and place and in accordance with the terms and conditions hereinafter set forth, for and during the term of this agreement.

The water to be delivered hereunder shall be supplied from the College's water works system at Clemson, South Carolina, and shall be delivered, except as hereinafter provided for, twenty-four (24) hours every day of the week and shall be at such pressure from time to time as may be determined by the College. The maximum amount of water which the College will be required to deliver under this agreement is 8,000,000 gallons per month, and the Town agrees not to take water from the College in excess of that amount. In the case of water shortage for any reason, the Town agrees to prescribe and enforce usage restrictions identical to those applied by the College to its retail water customers.

SEVENTH: The term of this agreement shall commence upon the first or second monthly meter reading date occurring after the College has completed the meter installation and connections required to perform this contract (the Town to have the option of selecting the one of such two dates to be effective upon notice from the College of the anticipated time of completion of such work). The agreement shall continue in effect for the term of ten (10) years from such effective date, and thereafter unless and until either party hereto shall have given to the other twelve (12) months' notice in writing of its desire to terminate it.

EIGHTH: The Town agrees to receive and use said water and pay the College for the same monthly at the present wholesale rate of

25¢ per 1,000 gallons. Upon six (6) months' notice, in writing, the College is granted the right to change the wholesale rate of water to meet changes in the cost of manufacture and delivery.

NINTH: Bills shall be rendered each month by the College to the Town for the water delivered during the preceding month, and all such bills shall be payable at the College, Clemson, South Carolina, within ten days after the date of each monthly billing.

If any bill is not paid within forty-five days of the billing date, then the College may, at its option, terminate this contract, or, without terminating or in anywise avoiding this contract, suspend the furnishing or supplying of water hereunder until payment of all money due it under the terms hereof shall have been made. The option may be exercised by the College as often as any such default shall occur, and delay or omission on the part of the College to exercise such option shall not be deemed a waiver of its right to exercise such option whenever such default on the part of the Town shall occur. In the event of default in payment, or at the termination or expiration of this contract, it shall be lawful for the College, its successors and assigns, to enter upon the premises of the Town at such place or places in which any meter or other property of the College may be and remove the same.

TENTH: The water to be delivered hereunder shall be delivered for the purpose of its being resold or used by the Town within the area described in Item 5, above, and the Town agrees that it will not transfer or assign this agreement without the written consent of the College.

It is expressly understood and agreed that the water to be

delivered hereunder is not delivered for fire protection purposes, and that if said water or any portion of same is used by the Town for such purposes, such use shall be at the Town's risk; and it is expressly understood and agreed that the College shall not be liable for any loss or damage by fire, whether such loss or damage is occasioned from the failure of the College to supply water hereunder, or from any other cause.

ELEVENTH: The College agrees to provide a regular water service and the Town agrees to regularly receive and use same, but in case either party shall be wholly or partially prevented from delivering or using water hereunder, or in case the service shall be interrupted or suspended or fail by reason of strike, fire, flood, drought, low water, accident, or any cause reasonably beyond its control, then and in such event neither party shall be liable to the other during such period of failure or suspension, provided the party suffering such interruption or suspension or failure shall be prompt and diligent in removing and overcoming such cause or causes.

The College reserves the right and the Town hereby grants to the College the right to discontinue, suspend and withdraw the furnishing of any water hereunder during a fire on the property of the College, or in the vicinity thereof served by its water works system, or during the time or times that the fire department of the College may be using water to extinguish a fire or fires, or for the prevention of a fire or fires, it being understood and agreed that the demands of the fire department of the College shall be paramount to the requirements of the Town and that the Town shall hold and save the College harmless from any and all loss or damages sustained

resulting from the interruption, suspension or withdrawal of the furnishing of water during the time or times herein specified.

TWELFTH: No claim or demand which the Town may have against the College shall be set off or counterclaimed against the payment of any sums of money due hereunder, and all such sums shall be paid as herein provided, regardless of such claim or demand.

THIRTEENTH: This contract is not binding on the College until ratified and approved by its Board of Trustees.

FOURTEENTH: This agreement may be terminated by either party by submitting written notice to the other party at least one year in advance of the date of termination.

IN WITNESS WHEREOF, on the day and year first above written, the parties hereto have caused their respective corporate names to be hereunto subscribed, and their corporate seals to be affixed hereto by their duly authorized officials.

Executed in duplicate.

ATTEST:

THE CLEMSON AGRICULTURAL COLLEGE OF SOUTH CAROLINA

/S/ G. E. METZ
Secretary

By /S/ R. M. COOPER
President, Board of Trustees

ATTEST:

TOWN OF CLEMSON

/S/ CATHERINE J. SMITH
Clerk

By /S/ L. P. CRAWFORD
Mayor

CLEMSON COLLEGE BOARD OF TRUSTEES

April 11, 1962

Additional Items for Consideration

RECOMMENDATIONS:

27. Sewage Treatment Plant -- Proposed Acceptance of Federal Grant

Statement: On November 10, 1961, the Board authorized Mr. R. M. Cooper, President of the Board, to file with the Public Health Service of the Department of Health, Education and Welfare of the United States an application for a Federal Grant under Title 33 of the United States Code, Section 466 and following, for the allowable portion of the cost of construction of sewage treatment works to serve Clemson College. This application was filed in accord with the authorization.

By letter of transmittal of April 2, 1962, signed by H. B. Cottrell, M.D., Regional Health Director, addressed to Mr. R. M. Cooper, President of the Board of Trustees, the College has received "an Offer for a Federal Grant, not to exceed $240,000.00, to the Clemson Agricultural College, Clemson, South Carolina, to assist in financing the construction of your sewerage facilities." This offer requires an acceptance on the part of the College of the Grant with the assurances and under the conditions set forth in Part A of the Offer and Acceptance to be properly executed by the College.

Recommendation: It is recommended that the following resolution be adopted by the Board of Trustees:

RESOLVED: That the Clemson Agricultural College of South Carolina accept the offer of the United States through the Public Health Service to grant the sum of Two Hundred and Forty Thousand Dollars ($240,000) (or such sum as the College shall be entitled to receive when the exact costs of the project are determined) for the construction of a sewage treatment plant, according to the terms and conditions of Part A of the offer and acceptance dated April 2, 1962, signed by H. B. Cottrell, M. D., Regional Health Director;

FURTHER RESOLVED: That R. M. Cooper, as President of the Board of Trustees of the Clemson Agricultural College of South Carolina, be and he is hereby authorized to execute and deliver the acknowledgement of the acceptance of the offer of said Federal grant and to make the assurances required by said offer.

28. Insurance -- Fire and Extended Coverage (Windstorm, Lightning, Hail, Explosion, Riot, Aircraft, Vehicles, Smoke)

Statement: The State statutes require that all fire and extended insurance coverage on public buildings and on the contents thereof of the State of South Carolina and of all institutions supported in whole, or in part, by the State of South Carolina, shall be carried by the Sinking Fund Commission.

Beginning in 1950 the South Carolina Sinking Fund Commission issued a policy providing blanket coverage on all real and personal property of Clemson College. Under this policy all buildings were insured for the replacement cost less depreciation. On or about October 1, 1961 the Sinking Fund Commission decided the blanket type coverage would be discontinued and that its policy would include a schedule of all property showing a stated value on each item. The policy limits of liability would be the value as shown on the schedule.

In a review of some 713 buildings located at Clemson, it appears that a number are not insurable risks. These include old tenant houses, garages, chicken houses, pig stys, barns and sheds of various descriptions. In addition to these, there are such items as the athletic stadium, the amphitheater, Butler bins and Quonset type metal structures which have very limited exposure to perils as stated in the policy.

Recommendation: It is recommended that the College not obtain insurance against loss by fire and perils included in extended coverage on those properties where there is limited exposure or where cost of insurance is very high in relation to replacement value.

29. Authority to Dismantle Two Small Residences

Statement: There are two small, four-room residences located on new highway 76, opposite the Poultry Farm, which are unsightly and uneconomical for further use by the college. Both houses are cheaply constructed of molded cement-plaster and have served their usefulness but are now in very poor condition. The cost of necessary repairs is not justified due to the type, size and need for the structures. Further, the location of these units prevents the orderly development of an area assigned to the Agronomy Department for research.

Recommendation: It is recommended that the Administration be authorized to take necessary action to have these buildings dismantled.

30. Edisto Experiment Station Superintendent

Statement: Mr. W. B. Rogers, Superintendent of the Edisto Experiment Station at Blackville, South Carolina, will be retiring June 30, 1962. Selection of an individual to fill this job has been considered for quite some time and the conclusion reached is that Dr. D. Fred Cohoon is best qualified for the position. Dr. Cohoon was born July 6, 1929 in Windsor, Ontario, Canada. He is married and has three children. He was graduated from the St. Thomas public school in 1943; was an honor graduate from the St. Thomas Collegiate Institute in 1948; received his BSc, with honors in Botany, from the University of Western Ontario in 1952 and his PhD in Plant Pathology from Rutgers University in 1956.

Dr. Cohoon began work at the Edisto Experiment Station July 1, 1956 as an Associate Plant Pathologist. He has done extensive work in developing a variety of honeydew melon, which could be grown successfully in South Carolina, as well as improving cantaloupes in general.

Recommendation: It is recommended that Dr. D. Fred Cohoon be appointed as Superintendent of the Edisto Experiment Station at Blackville, South Carolina effective July 1, 1962.

31. Library Building - Selection of Architects

Statement: The General Assembly passed the legislation referred to under item 25 above which will enable the college to increase its potential borrowing power to $2,500,000 for the purpose of constructing a library. Since considerable planning is necessary prior to actual construction it is necessary that architects be selected at an early date in order that the completion of a new library at Clemson not be unduly delayed.

Recommendation: It is recommended that the selection of architects for the library building be delegated to the Executive Committee of the Board of Trustees.

32. Dormitory for Women - Selection of Architects

Statement: Item 20 above (if approved) provides for the construction of a girls dormitory at Clemson at the earliest practicable date. To proceed with this project as rapidly as possible it is necessary that architects for the girls dormitory be selected without delay.

Recommendation: It is recommended that the selection of architects for the girls dormitory be delegated to the Executive Committee of the Board of Trustees.

33. Civil Defense Agency Proposal -- Poultry Experimental Building, Sand Hill Experiment Station

Statement: A survey of the buildings in Columbia and Richland County has indicated that some of the areas of the Poultry Experimental Building of the Experiment Station at Pontiac, South Carolina, are considered good potential for use as fallout shelter areas. The Civil Defense Agency has requested the cooperation of the college in signing appropriate forms to assure willingness to make these potential areas available for shelter in a war emergency.

Recommendation: It is recommended that the Board of Trustees authorize the college to cooperate with the Civil Defense Agency by agreeing to the use for shelter in a war emergency of the facilities at the Sand Hill Experiment Station, Pontiac, South Carolina, as indicated on "Fallout Shelter License or Privilege" form prepared for this purpose; and that the Board of Trustees further authorize the execution of this form on behalf of the College.

ADDITIONAL ITEMS (Including items from Agenda Outline):

1. Reports of Standing Committees -- Bound in Agenda volume mailed in advance of meeting.

2. Report and Recommendations of the Committee on Honorary Degrees -- To be presented.

3. Resignation of Robert L. Stoddard

4. Commencement Plans

5. Date for the June Meeting of the Board

6. Additional Items of Information

   (a) New Ph.D. Program. The School of Engineering will offer the Ph.D. degree after September, 1962 in the cross-departmental area of Materials Engineering. Course work will include special study in Chemistry, Physics, Ceramics and Metallurgy.

   The need for advanced training in this area is immediate and pressing, and Clemson is in the fortunate position of having on hand the faculty and physical facilities for the work. Course content and research effort places emphasis on the atomic, molecular and crystalline structure of materials, seeking explanation for their behavior.

   (b) Other Items of Information

7. Review of Press Release on Board Meeting

8. Final Roll Call Vote

9. Adjournment

REPORT OF THE COMMITTEE ON HONORARY DEGREES

to the

Board of Trustees

April 11, 1962

The Committee on Honorary Degrees has considered all nominations for Honorary Degrees at Commencement exercises in June 1962. After a careful study of the qualifications of each nominee the committee wishes to recommend that the following be awarded the appropriate Honorary Doctoral Degrees:

JOHN H. CLARK
Principal
Murray Vocational School
Charleston, South Carolina

Teacher, educator, public servant, Mr. Clark has been dedicated for more than 35 years to the vocational training of the youth of South Carolina. He has pioneered in an area of education which is just now receiving recognition as a vital part of the state's total educational program.

ROBERT C. JACKSON
Executive Vice President
American Cotton Manufacturers Institute
Washington, D. C.

An aggressive, competent leader of an association representing the American cotton textile industry, Mr. Jackson is recognized as an international authority in this area. Called upon by government and business alike because of his outstanding abilities.

GEORGE H. KING
Director
Georgia Experiment Stations
Athens, Georgia

Teacher, educator, and public servant, Mr. King has been notably successful in organizing, coordinating and administering the entire agricultural Experiment Station program for the state of Georgia.

GORDON E. McCALLUM
Assistant Surgeon General
U. S. Public Health Service
Washington, D. C.

Scientist, engineer, public servant, and pioneer in the field of water resources, Mr. McCallum is an internationally recognized authority in the field of public health.

H. C. SANDERS
Retired Director
Agricultural Extension Service
Louisiana State University
Baton Rouge, Louisiana

Public servant, agricultural leader, and administrator, Mr. Sanders has a long record of outstanding and devoted service in the field of agricultural extension work.

THE COMMITTEE:

R. C. Edwards, Chairman
R. R. Coker
L. D. Holmes
W. Gordon McCabe, Jr.
J. G. Dinwiddie
Victor Hurst
George F. Meenaghan, Secretary

LIST OF NOMINEES TO BE CONSIDERED FOR HONORARY DEGREES

Sir Eric Bowater, Board Chairman
Bowater Corporation

John H. Clark, Principal
Murray Vocational School
Charleston

R. H. Garrison, Head
Seed Certification Department
Clemson College

Dr. James G. Gee, President
East State Teachers College
Commerce, Texas

P. C. Gregory, Jr., President
Finishing Division, Cone Mills Corp.
Greenville

William S. Hall, Superintendent
State Hospital
Columbia

Robert C. Jackson
Executive Vice-President
American Cotton Manufacturers Institute
Washington

Rev. John W. Johnson, Pastor
Central Methodist Church
Spartanburg

George H. King, Director
Georgia Experiment Stations
Athens, Georgia

John D. Lane, Professor, Retired
Clemson College

Rev. J. W. Lewis, Minister,
Retired
Central

W. T. Linton, Executive Director
Water Pollution Control Authority
Columbia

Col. William MacPherson,
Commandant, U. S. Army (Ordnance)
Guided Missile School
Redstone Arsenal, Alabama

Gordon E. McCallum
Assistant Surgeon General
U. S. Public Service
Washington, D. C.

W. Parker Mauldin, Assoc. Director
The Population Council
New York, N. Y.

H. C. Sanders, Retired Director
Agricultural Extension Service
Louisiana State University
Baton Rouge, Louisiana

Rev. L. R. Vereen, Pastor
Methodist Church
North Carolina

T. E. Wannamaker
President
T. E. Wannamaker, Inc.
Orangeburg

The Clemson Agricultural College

Clemson, South Carolina

POLICY FOR THE AWARDING OF HONORARY DEGREES

(Adopted by the Board of Trustees on November 10, 1961)

Principles. Honorary degrees will be conferred in recognition of eminent achievement in scholarship or of high distinction in public service. The awarding of honorary degrees will be regarded as a method by which the College expresses its ideals and recognizes exceptional attainments.

Procedures for Nominating Candidates. Nominations may be made by any interested person. A narrative letter setting forth the accomplishments of the nominee should be submitted to any member of the Board of Trustees or to the President of the College. The person receiving the nomination will forward it to the Clemson Faculty Senate via the President of the College. Normally, October 15* will be the deadline date for submission of nominations. The Senate will gather additional information from within and outside the College as deemed necessary.

Procedure for Selecting Candidates. A committee consisting of three members of the Board to be appointed annually by the President of the Board at the fall meeting, two members of the Academic Faculty Senate, the President of the Faculty Senate, and the President of the College will meet at the convenience of the committee to consider all nominations. The Senate President will act as Secretary of the Committee and will present the nominees. The President of the College will act as Committee Chairman. The Committee will forward its recommendations to the full Board of Trustees for final action.

It is the policy of the Board to limit the number of honorary degrees to a maximum of five during any one academic year.

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*For 1961-1962, the deadline will be January 1, 1962.

AGENDA - RECOMMENDATIONS AND REPORTS

for the meeting of

The Board of Trustees
of
The Clemson Agricultural College

June 19, 1962

The Wade Hampton Hotel
Columbia, South Carolina

10:00 a. m.

AGENDA FOR THE MEETING OF THE BOARD OF TRUSTEES

on

June 19, 1962

(Subject to Revision by the Board)

I. ROLL CALL

II. MINUTES OF THE MEETING OF APRIL 11, 1962

III. RECOMMENDATIONS FOR CONSIDERATION

Recommendations of the Board Committees are presented on the pages immediately following this outline of the agenda.

IV. COMMITTEE REPORTS

Reports of the Board Committees are presented herewith, following the tab guides as labeled for each committee.

V. REPORT OF THE BOARD OF VISITORS

The Report of the 1962 Board of Visitors is presented herewith following the tab guide as labeled for this report.

VI. ADDITIONAL ITEMS FOR CONSIDERATION

Additional recommendations and informational items will be presented as developed prior to the Board Meeting.

VII. DATE FOR THE OCTOBER MEETING OF THE BOARD
("Stated Meeting Date" is October 22)

VIII. REVIEW OF PRESS RELEASE ON BOARD MEETING

IX. FINAL ROLL CALL VOTE

X. ADJOURNMENT

RECOMMENDATIONS FOR CONSIDERATION

by the

Clemson College Board of Trustees

June 19, 1962

1. Fertilizer Inspection and Analysis

Agricultural Regulatory Committee Recommendation: That the fines be approved as recommended in the Department of Fertilizer Inspection and Analysis Report to the Board of Fertilizer Control, May 1962.

2. Camellia Flower Blight Quarantine

Statement: Reports of Camellia Flower Blight infections in areas not previously known to be affected resulted in a limited survey of the principal Camellia growing areas. The disease was found for the first time in Charleston and Horry Counties and major extensions in Dorchester and Florence Counties. Unfortunately several large wholesale nurseries are involved and rather drastic quarantine measures must be taken. Negative surveys were conducted in the following localities: Rock Hill, Aiken, Whitmire, Greenville, Columbia, Beaufort, Anderson, Greenwood, Spartanburg, Traveler's Rest, Lake City, Mayesville, Georgetown, Camden, Winnsboro, and Orangeburg.

This was the first year since 1958 in which new infestations were reported. The 1962 season provided ideal conditions for flower blight development -- practically uninterrupted blooming and fairly even soil temperatures favored apothecial and disease development.

The revised quarantine has been approved by mail ballot of the Agricultural Regulatory Committee and confirmed by the Committee in meeting assembled on June 2, 1962.

Agricultural Regulatory Committee Recommendation: That the Camellia Flower Blight Quarantine, Revised May 1, 1962, be confirmed and approved.

3. Policy Statement on the Role of Clemson College

Statement: On October 29, 1956, the Board adopted a policy statement on the role of Clemson College. This statement was amended and readopted on March 19, 1959. The policy has been further amended as a result of the recent Self-Study at the College and the realignment of the administration of Industrial Management and Textiles under the newly designated School of Industrial Management and Textile Science.

Educational Policy Committee Recommendation: That the revised Policy Statement on the Role of Clemson College, dated June 1, 1962, be adopted as attached hereto and that it replace previously approved statements on the role of the College.

4. Proposed Budgets for the Fiscal Year 1962-1963

Executive Committee Recommendation: The proposed budgets for the fiscal year 1962-1963, being presented separately, are recommended for approval.

5. Annual Reaffirmation Resolution Authorizing Comptroller to Convert, Transfer, Etc., Securities under Specific Conditions

Statement: The current resolution authorizing the Comptroller to convert, transfer, etc., securities is in effect through June 30, 1962, and the annual reaffirmation of this resolution is due for action at the June meeting of the Board.

Executive Committee Recommendation: It is recommended that the following resolution be adopted:

RESOLUTION

WHEREAS, The Clemson Agricultural College is the owner, or shall become the owner, of stock certificates of corporate enterprises by gift, purchase or otherwise, and

WHEREAS, the Board of Trustees is gathered in session at infrequent intervals, and

WHEREAS, the authority to authorize an officer of the College to act in behalf of the Board of Trustees in such matters of finance is vested solely in the Board of Trustees,

THEREFORE, BE IT RESOLVED, that the Comptroller of The Clemson Agricultural College, acting in his official capacity, is hereby authorized to convert, transfer, assign or otherwise dispose of securities of The Clemson Agricultural College of South Carolina and of the Board of Trustees of The Clemson Agricultural College of South Carolina and to make such use of the proceeds as may be deemed in the best interest of the College. The Comptroller is further authorized by this resolution to execute the assignment of stock in behalf of The Clemson Agricultural College of South Carolina and of the Board of Trustees of The Clemson Agricultural College of South Carolina until further notice but not to extend beyond June 30, 1963.

6. Duke Power Company Contract

Statement: Due to increased demand for electric power by expanded college and community facilities, it has become necessary to revise the contract with Duke Power Company by increasing the maximum delivery load from 4000 to 6000 kilowatts. The new contract has been signed on behalf of the College by Mr. R. M. Cooper, President of the Board of Trustees.

Executive Committee Recommendation: That the Board confirm the new contract with Duke Power Company and the action of Mr. Cooper in signing this contract.

7. Right-of-Way Easement -- Confirmation of Interim Action

Statement: At the meeting on June 2, 1962, the Executive Committee authorized, and Mr. R. M. Cooper, President of the Board of Trustees, executed on behalf of the College, a right-of-way easement to Duke Power Company for the relocation of its 44 KV power line in the general area of the college athletic facilities on land bounded on the west by the old channel of Seneca River. The relocation of the power line is identified in the easement and further identified in a map attached thereto as print File No. 154-09, dated March 29, 1962, revised May 22, 1962.

Executive Committee Recommendation: It is recommended that the granting of the right-of-way easement identified above be confirmed.

8. Livestock and Poultry Health Laboratory Additions and Alterations Contract -- Confirmation of Interim Action

Statement: On April 20, 1962, detailed information was mailed to all members of the Board concerning the bids on "Additions and Alterations to the Clemson College Livestock and Poultry Health Laboratory" at Pontiac, at 2:30 p. m. April 19, 1962. The administration recommended and the Board approved by mail ballot the award of the contract to the lowest bidder, Charles J. Craig Construction Company, Columbia, in the amount of $31,276.00.

Executive Committee Recommendation: That the above action of awarding the contract to Charles J. Craig Construction Company be confirmed.

9. Contract for Extension of Service Tunnel -- Confirmation of Interim Action

Statement: On May 9, 1962, detailed information was mailed to all members of the Board concerning the bids on "Construction of Extension of Service Tunnel" as opened publicly at 2:30 p. m. that day (May 9, 1962). The administration recommended and the Board approved by mail ballot the award of the contract to the lowest bidder, Triangle Construction Company, Greenville, South Carolina, in the amount of $26,358.00.

Executive Committee Recommendation: That the above action of awarding the contract to Triangle Construction Company be confirmed.

10. Electrical Distribution System Improvements -- Proposed Rejection of All Bids

Statement: At 2:00 p. m., May 9, 1962, bids on "Improvements to the Electrical Distribution System" were opened publicly in the College Auditorium. For the reasons given below it is proposed that all these bids be rejected.

The Bids were as follows:

	Base Bid	Alt. No. 1 Deduct
Georgia Electric Co., Albany, Ga.	$53,306.00	- $ 9,500.00
Walker & Whiteside, Inc., Greenville	30,000.00	+ 11,500.00
Hunter & Walden Co., Charlotte, NC	53,200.00	- 10,600.00
Faircloth Elec. Co., Wake Forest,NC	55,000.00	- 15,000.00
Sumter Builders Inc., Sumter	48,946.00	- 15,446.60

The base bid of $30,000 by Walker and Whiteside, Inc. was the lowest base bid; was in line with the pre-bid estimate of $30,100 by Southeastern Consulting Engineers, the consulting firm which prepared the plans and specifications; and, upon approval by mail ballot of the Board, a contract was tendered to Walker and Whiteside, Inc. However, Walker and Whiteside, Inc. indicated that it made a technical error in submitting its bids which, if corrections were permitted, would be $41,000 for the base bid and a deduction of $11,000 on Alternate No. 1. The firm offered to sign a contract at $41,000, but the Attorney General, upon consultation, indicated that the only contract that would be appropriate with Walker and Whiteside, Inc., would be at the base figure of $30,000 as regularly submitted. This the firm indicated it could not afford to do.

The second lowest base bid was $48,946.60, and this and the other bids were all excessive in comparison with cost estimates by Southeastern Consulting Engineers. The pre-bid forecasts were for a base bid of $30,100.00 with a deduction of $4,450.00 if Alternate No. 1 were accepted; and revised post-bid estimates by the consulting engineers reflected a base bid of $36,440.00 with a deduction of $7,790.00 for Alternate No. 1.

As additional information, all comparisons were made on the basis of base bids, since the question of the necessity for Alternate No. 1 had already been resolved at the time of the bid opening. The only purpose for Alternate No. 1 originally was to make possible separate handling of distribution lines if such became necessary due to timing of other campus construction.

Executive Committee Recommendations: It is recommended (1) That all bids on "Improvements to the Electrical Distribution System" as opened at 2:00 p. m. May 9, 1962, be rejected, and (2) That bidding on this work be readvertised as a part of the next phase of electrical improvements which will be involved upon completion of the service tunnels being constructed by Morris Construction Company and Triangle Construction Company.

11. Honorary Degree to Mr. Sanders in January 1963

Statement: At the April 11, 1962 meeting, the Board authorized the award of an honorary degree to Mr. H. C. Sanders at the Commencement Exercises on June 2. When Mr. Sanders was notified of this action, he was in Australia on an extended trip abroad with a planned date of return near the end of June. Since he was out of the country at the time of Commencement, it is proposed that his degree be awarded at the end of the first semester of the coming session.

Recommendation: It is recommended that the award of the honorary degree to Mr. H. C. Sanders at the mid-year graduating exercises in January 1963 be authorized by the Board.

REPORT ON AGRICULTURAL REGULATORY AFFAIRS

to the

Board of Trustees

June 19, 1962

The Agricultural Regulatory Committee met at Clemson on June 2, 1962(*). Members of the Committee present were L. D. Holmes, presiding, R. R. Coker, and R. M. Cooper, ex officio member. Other trustees present included Edgar A. Brown, James C. Self, A. M. Quattlebaum, Paul Quattlebaum, Jr., and W. Gordon McCabe, Jr. Also in attendance were R. C. Edwards, J. K. Williams, M. A. Wilson, F. J. Jervey, W. T. Cox, Victor Hurst, and G. E. Metz.

Recommendations resulting from this meeting of the Committee are given as Items 1 and 2 of the recommendations for consideration at this June 19 meeting of the Board.

Informational reports distributed to all members of the Board with the agenda for the committee included reports on (A) The Clemson College Extension Service, (B) Fertilizer Inspection and Analysis, and (C) The South Carolina State Crop Pest Commission. The Crop Pest Commission Report included (1) a general report covering the period of January 1 through April 30, 1962, (2) a copy of the Annual Report for 1961 of the South Carolina Forest Pest Detection Survey, (3) the Quarterly Report (January 1 through March 31, 1962) of Economic Poison Analysis, and (4) a copy of the Camellia Flower Blight Quarantine, Revised May 1, 1962, as recommended for confirmation and approval.

Reports distributed in advance were supplemented at the meeting by additional items of information concerning agricultural matters. Included was a brief report on the poultry clinic in Charleston on May 22 held in conjunction with the Department of Commerce to discuss ways to increase exports of poultry grown in South Carolina through South Carolina ports.

At the meeting on June 2 attention was given to Dr. Carter's letter of May 28 concerning state meat inspection stamps which had been previously issued to several plants and Dr. Carter's recommendation that all stamps issued be recalled. Further consideration of this item was projected for the June 19 meeting of the Board with Dr. Carter available to present additional information relevant to appropriate action.

(*) Joint Meeting of all Standing Committees of the Board.

DEPARTMENT OF FERTILIZER INSPECTION
AND ANALYSIS

REPORT TO THE FERTILIZER BOARD OF CONTROL
May, 1962

Below is a brief summary of some of the activities of the Department of Fertilizer Inspection and Analysis for the period July 1, 1961 through April, 1962

Tons of commercial fertilizer distributed July-March 31. . . . . 397, 458 tons
(A decrease of 20. 2% for the same period last year)

Number of fertilizer samples procured.	4, 677
Number of fertilizer samples analyzed.	3, 300
Number of insecticide samples procured and analyzed.	456

Fertilizer Tonnage: The tonnage of mixed fertilizers for the nine month's period ending March 31st was 23. 5 per cent below the same period for last year. Probable factors causing the decrease are the tremendous acreages of wheat, barley and corn placed in the reserve program. Bad weather has hampered planting operations, which directly affects the movement of fertilizer.

Meetings: Agronomists and Fertilizer Control Officials from the Carolinas, Georgia, and Virginia met at Clemson, as has been the custom for the past number of years, to discuss problems of mutual interests, particularly as they relate to ratios, grades, labeling, and other requirements. The group unamiously agreed that the statement, "Acid or Non-Acid Forming," was serving as a detriment to higher analysis and reduced interest in the liming program and that all states should immediately start making provisions to eliminate this as a requirement. Georgia eliminated same when their law was changed two years ago.

Fertilizer Advisory Committee Meeting: The Advisory Committee, composed of selected members of the Farm Bureau, Grange, Members of the Fertilizer Industry, and the Clemson College Fertilizer Recommendations Committee, met in Columbia on April 18th. Attached is the Agenda.

House Bill # 2242 relative to making available open formula tags to the farmer if requested through the dealer was presented by Mr. Hinson of Marlboro County. It was referred to the House Agricultural Committee. However, it was never taken from the Committee. It is understood that some members of the Fertilizer Industry asked for a hearing.

There have been no recommendations in the past year for any changes in ratios or minimum analyses grades for the fiscal year, 1962-1963.

Agenda

Clemson College Fertilizer Advisory Committee Meeting

Palmetto Room, Wade Hampton Hotel, Columbia, S. C.

Wednesday, April 18, 10:30 a.m.

10:30 a.m. Presiding. . . . . Dean M. D. Farrar

Remarks and Welcome . . . . . Dr. R. C. Edwards

1. Information on Guarantees of Acid and Non-acid Forming Fertilizers . . . . . Dr. U. S. Jones
2. Information on: (a) Ratios and Analysis by States
   (b) Present ratios and minimum analysis grades for S. C.
3. Position of S. C. and other states on restrictions relating to specialty fertilizers as to:
   (a) Size of Package
   (b) Inclusion of grade as part of brand name
   — B. D. Cloaninger
4. Magnesium on a total and/or water soluble basis for tobacco
5. Sulfur in Tobacco Fertilizers
   — J. M. Lewis
6. Fertilizer-Pesticide mixtures especially as they relate to the tobacco grades . . . . . W. C. Nettles
7. Micronutrients in fertilizers:
   (a) South Carolina Position
   (b) Proposed minimum required if claimed, (National Level) . . . . . N. R. Page
8. Discussion of bulk blending of fertilizer materials, both stationary and mobile
9. Definition of: (a) Fertilizer materials
   (b) Multinutrients as they may relate to the grade list
   — B. D. Cloaninger
10. Status of soil testing program in South Carolina . . . . . H. V. Rogers
11. Other Topics:

1:00 p.m. - Lunch (as group)

2:15 p.m. - Adjourn

WEIGHT IRREGULARITIES

Name of Company	No. Bags and Grade	Short Per Bag (lbs)	Action By	Rec. Fine
1. American Agric. Chem. Co.	195 sxs. 3-9-9	2.0	Barwick	$ 50.00
2. Anderson Fertilizer Co.	25 sxs. 3-12-12)	4.8		
	450 sxs. 4-12-12)	1.4	McClain	50.00
	20 sxs. 0-14-14)	2.1		
3. Cooperative Fert. Service	*180 sxs. 5-10-10)	2.0	Wilkerson	50.00
	*90 sxs. 4-12-12)	2.5		
4. Hydro-Pak Co.	**344 sxs. 20-20-5	.1	Lomas	Excuse
5. Molony Fertilizer Co.	*60 sxs. 3-9-12	1.5	Blocker	25.00
6. Mutual Fertilizer Co.	*29 sxs. 4-12-12	1.9	Harrison	25.00
7. Planters Fer. & Phos. Co.	*180 sxs. 8-8-8	2.5	Wilkerson	50.00
8. Royster (F. S.) Guano Co.	*100 sxs. 4-12-12	1.7	McClain	35.00
9. Shipyard River Terminal	*100 sxs. Chilean Soda	1.5	McClain	
	*420 sxs. ANL	1.6	McClain	
	*34 sxs. Chilean Soda	3.6	Barwick	
	*92 sxs. Chilean Soda	.6	McClain	
	*295 sxs. ANL	1.5	McClain	
	*340 sxs. Chilean Soda	1.6	Wilkerson	335.00
	*147 sxs. Chilean Soda	2.2	Barwick	
	*480 sxs. Chilean Soda	1.0	Lomas	
	*178 sxs. Chilean Soda	1.8	Cloaninger	
	*250 sxs. ANL	1.4	McClain	
	*520 sxs. Cal-Nitro	1.7	McClain	
10. Smith and Kelly	*200 sxs. Chilean Soda	1.3	Ammons	35.00
11. Stevens Shipping Co.	*136 sxs. ASN	1.0	McClain	35.00

* 100# Bags
** 40# Bags

SOUTH CAROLINA STATE CROP PEST COMMISSION

Clemson, South Carolina

Camellia Flower Blight Quarantine

Revised May 1, 1962

The fact has been determined that a serious plant disease known as Camellia Flower Blight (Sclerotinia camellia), is known to occur in certain counties of South Carolina and in certain other states.

If this disease becomes established in the camellia gardens and nurseries of the state it will cause serious losses to the camellia industry.

In order to prevent the further spread of this disease into South Carolina, the South Carolina State Crop Pest Commission by virtue of authority vested in it by the State Crop Pest Commission Act of 1912 hereby establishes a quarantine setting forth the name of the pest against which this quarantine is established, the regulated areas, the prohibited products, and the conditions for movement of the regulated products.

PEST: Camellia Flower Blight (Sclerotinia camellia).

QUARANTINED AREAS:

1. INFECTED AREAS:

California - Entire State.

Georgia - 1. Bibb County - that portion of the City of Macon included within the city limits located west of the Ocmulgee River; and further that area included within a line beginning at the east bank of the Ocmulgee River at Park View Drive; thence easterly along Park View Drive, Curry Drive, and Boulevard to the intersection of Briarcliff Road; thence north along Briarcliff Road to Twin Pine Drive; thence north along Twin Pine Drive to intersection of Peyton Place; thence west along Peyton Place to Nottingham Drive; and thence west on a projected line from Nottingham Drive to the Ocmulgee River; thence south along the Ocmulgee River to Park View Drive.

Georgia Cont'd.

2. Fulton County - that property known as 3629 Tuxedo Road, located in the northwest section of Atlanta, consisting of eleven acres, bounded on the north by Tuxedo Road, on the east by the property of Hix Green, and on the south by the property of Robert T. Jones.

3. Muscogee County - all that area lying within the corporate city limits of Columbus.

4. Richmond County - all that area lying within the corporate city limits of Augusta.

Louisiana -

1. Bossier Parish - the corporate limits of the city of Bossier City.

2. Caddo Parish - the entire Wards 3, 4 and 7.

3. East Baton Rouge Parish - that portion of Wards 6 and 8 lying south and west of Louisiana Highways 61 and 7; east of the Mississppi River and north of Bayou Manchac.

4. Jefferson Parish - that portion of Ward 8 lying east of the Pontchartrain Causeway and north of Ward 7.

5. Orleans Parish - the entire Parish of Orleans.

6. St. Tammany Parish - that portion of Wards 1, 2 and 3 lying east of Louisiana Highway 21, the Tchefuncta River, Pruden Creek and Louisiana Highway 25; south of Louisiana Highway 1081; west of Louisiana Highway 1082 and 59; and north of Louisiana Highways 22 and 190.

7. Tangiphoa Parish - that portion of Ward 5 lying north of Louisiana Highway 40-E; east of Louisiana Highways 40-N and 1062; south of Louisiana Highway 1062; west of Louisiana Highways 40-N and 445; that portion of Wards 6 and 7 lying north of Louisiana Highway 1067-E; east of Louisiana Highways 1067-N and 443; south and west of Louisiana Highway 443 and the Tangiphoa River.

8. Washington Parish - C. L. George's Nursery and one mile radius surrounding thereof.

9. West Feliciana - the Ellersby and Rosedown Plantations and a one mile radius surrounding the focal point of each property.

North Carolina -

1. Brunswick County - that part of Orton Plantation beginning at the main entrance to Orton Plantation on Highway N. C. 130 and extending north along said Highway one mile, thence due east to Cape Fear River, thence south along Cape Fear River, thence south

North Carolina Cont'd.

along Cape Fear River for two miles, thence due west to Highway N. C. 130 and along said Highway 130 north to main entrance to Orton Plantation.

(b) Beginning at a point on the west bank of the Cape Fear River east of and in line with the main Residence Building on Pleasant Oak Plantation and extending north along said river one mile; thence along a straight line due west for one mile; then south along a line parallel to and one mile west of said river for two miles; thence due east to said river and along west bank of river north to starting point. This property is located east of N. C. Highway 130, 7 miles south of junction of Highway 130 and 17.

2. New Hanover County - (a) all that property known as Airlie Gardens and Nursery, located on both sides of U. S. Highway 74 and 76 just west of Wrightsville Sound.

(b) That portion of the City of Wilmington bounded on the north by Market Street- on the east by the city limit line; on the south by a line one-half mile south of and parallel to the city limit line; and on the west by South 17th Street.

3. Onslow County - that portion of Onslow County included within the boundaries of Camp Lejeune Marine Base.

4. Wilson County - that area included within a circle having a one-mile radius with the center at the entrance to Tomlinson's Nursery. This property is located 2.2 miles from the Wilson city limits on Highway 264 east.

Oregon - Entire State.

South Carolina - 1. Charleston County - that portion of Charleston County beginning at the Ashley River and extending west and southwest along the Dorchester County line to S. C. Highway 317; extending south along S. C. Highway 317 to its junction with U. S. Highway 17; then extending eastward along U. S. Highway 17 to its junction with S. C. Highway 20; then extending southward on S. C. Highway 20 to the Stono River; then southeasterly along the Stono River to Wapoo Creek;

then southeasterly along Wapoo Creek; then southeasterly along Wapoo Creek to its junction with the Ashley River; then along the Ashley River to the Dorchester County line.

All of that area comprising the corporate limits of the City of Mount Pleasant.

2. Darlington County - that portion of Darlington County included within the corporate limits of the town of Darlington.

3. Dorchester County - All of that area of Dorchester County bounded on the northeast by Berkeley County from a point where S. C. Highway 58 crosses the Berkeley County line; southwesterly along Highway 58 to its junction with S. C. Highway 22; southeasterly along S. C. Highway 22 to its junction with S. C. Highway 642; easterly along S. C. Highway 642 to its junction with S. C. Highway 165; south along S. C. Highway 165 to its junction with S. C. Highway 61; southeasterly along Highway 61 to the Charleston County line; then following the Charleston County line to the Berkeley County line and then northwesterly to S. C. Highway 58; including all of the town of Summerville.

4. Florence County - that portion of Florence County included within the corporate limits of the City of Florence and the town of Timmonsville.

5. Horry County - that portion of Horry County included within the corporate limits of the towns of Conway and Myrtle Beach.

6. Sumter County - that portion of Sumter County included within the corporate limits of the town of Sumter.

Virginia - Entire State.

2. OTHER AREAS:

Any other properties or areas in the State of South Carolina found to be infected with Camellia Flower Blight shall become immediately subject to the regulations of this quarantine when so declared by the South Carolina State Crop Pest Commission through the publication of a notice to that effect in the local newspapers or through direct written notice to those concerned.

3. RESTRICTED AREAS:

All other states that do not maintain restrictions against the movement of restricted material from designated infected states or areas into their respective states.

PROHIBITED PRODUCTS:

Balled and potted camellia plants - cut camellia flowers.

CONDITIONS OF MOVEMENT OF REGULATED PRODUCTS:

No balled or potted camellia plants with soil attached, cut camellia flowers, or plants with flower buds showing any traces of color, can be moved from the regulated areas into the State of South Carolina. Bare rooted camellia plants with flower buds showing no trace of color will be allowed entry from the regulated areas under proper certificate from the state of origin.

PENALTIES:

Camellia plants or flowers imported into the State of South Carolina in violation of these regulations are subject to destruction or return to the point of origin at the discretion of the South Carolina State Crop Pest Commission.

Any person or firm who shall violate the regulations of the quarantine shall be deemed guilty of a misdeameanor and upon conviction will be punished by law as provided by the Crop Pest Commission Act of 1912.

SOUTH CAROLINA STATE CROP PEST COMMISSION

REPORT ON EDUCATIONAL POLICY AND STUDENT AFFAIRS COMMITTEE

to the

Board of Trustees

June 19, 1962

The Committee on Educational Policy and Student Affairs met at Clemson on June 2,1962.(*) Members of the Committee present were James C. Self, presiding, L. D. Holmes, A. M. Quattlebaum, Paul Quattlebaum, Jr., and R. M. Cooper, ex officio member. Other trustees present included Edgar A. Brown, Robert R. Coker, and W. Gordon McCabe, Jr. Others in attendance were R. C. Edwards, J. K. Williams, W. T. Cox, M. A. Wilson, F. J. Jervey, G. E. Metz, and Victor Hurst (Newly elected President of the Faculty Senate).

A Policy Statement on the Role of Clemson College was approved for submission to the Board as attached hereto and as recommended for adoption under Item 3 of the recommendations for consideration at this meeting of June 19, 1962. Also attached hereto is an Informational Report of the Dean of the College.

(*) Joint Meeting of all Standing Committees of the Board.

A POLICY STATEMENT ON THE ROLE OF CLEMSON COLLEGE

June 1, 1962

Purposes and Goals. The purposes and goals of Clemson College are those of most Land-Grant Colleges in the United States: education, research, and public service, with special emphasis on the agricultural, engineering, and natural sciences. As a State-supported institution, the College devotes much attention and effort to activities which will enhance the cultural and economic welfare of South Carolina.

I. THE BASIC ROLE

1. Basic Aims and Purposes: The basic role of this institution in teaching and research was determined at the time of its founding by the provisions of the Will of Thomas G. Clemson, the acceptance of its terms and conditions by the General Assembly of South Carolina, and by the Morrill Land-Grant Act (1862) and the Hatch Act (1887) passed by the National Congress. Later, in 1914, the passage of the Smith-Lever Act by the National Congress determined the initial role in public service. Pertinent abstracts from these documents are given below:

-- From the Clemson Will -- "My purpose is to establish an Agricultural College which will afford useful information to the farmers and mechanics; therefore, it should afford thorough instruction in agriculture and the natural sciences connected therewith, it should combine, if practicable, physical with intellectual education, and should be a high seminary of learning in which the graduate of the common schools can commence, pursue, and finish a course of studies terminating in thorough theoretic and practical instruction in those sciences and arts which bear directly upon agriculture...but to always bear in mind that the benefits herein sought to be bestowed are intended to benefit agriculture and mechanical industries..."

-- From the Act of Acceptance -- "The State of South Carolina hereby expressly declares that it accepts the devise and bequest of Thomas G. Clemson subject to the terms and conditions set forth in his last will and testament."

-- From the Morrill Land-Grant Act of 1862 -- "...the leading object shall be,...to teach such branches of learning as are related to agriculture and mechanic arts...in order to promote the liberal and practical education of the industrial classes in the pursuits and professions of life."

-- From the Hatch Act -- "That it shall be the object and duty of the said experiment stations to conduct original researches or verify experiments...bearing directly on the agricultural industry of the United States as may in each case be deemed advisable, having due regard to the varying conditions and needs of the respective States and Territories."

-- From the Smith-Lever Act -- "That cooperative agricultural extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said college..."

The College must remain faithful to these basic aims in the light of continuing developments. Legislative Acts of the General Assembly of South Carolina and the National Congress subsequent to the founding of the College have enhanced the basic purposes of the institution. The concept of teaching, research, and public service, developed first in the area of agriculture, is basic to the public trust of the Land-Grant Colleges. The extension of this concept to engineering, industrial, cultural and scientific areas conforms to the fundamental objectives of the Clemson Will.

2. Fulfilling the Basic Role: If the College is to maintain its place of leadership in South Carolina in "scientific culture" and be the "high seminary of learning" visualized by its founder, it must be alert to the needs of agriculture, engineering, and industry, and it must not merely stay abreast of scientic development but participate actively in furthering such development.

Fulfilling such a role means continuing development of:

-- A strong educational program in a variety of undergraduate curricula designed to meet the needs of the students served by the College.

-- A strong graduate program which is necessary in all major fields of study for maintaining the scholarly staff and atmosphere essential to a strong undergraduate program and a creative research program.

-- An active research program in all major fields essential to scientific development and leadership in technical advancement.

-- Special public services for sharing knowledge with agriculture, engineering, and industry.

II. SCHOOL OF AGRICULTURE

1. Instruction: Since Clemson College is the center of agricultural information and education in South Carolina, it is essential that the institution maintain a sound instructional program in appropriate agricultural subjects at both undergraduate and graduate levels.

The School of Agriculture also accepts the obligation to provide agricultural short courses for adult farmers, youths, and other special groups.

2. Research: The South Carolina Agricultural Experiment Station has the role of maintaining an aggressive research policy which promotes stability in agriculture and aids farmers in maintaining their position economically and socially with other segments of society.

3. Extension Service: The Clemson College Extension Service is a cooperative service supported by the College, the counties, the State, and the Federal Government. The Extension Service is responsible for conducting in South Carolina the cooperative educational and demonstrational programs in agriculture and home economics of Clemson College and the United States Department of Agriculture.

The annual plan of agricultural and home economics extension work is developed and implemented with close cooperation between the Extension Service and the farm and home leadership of the State, the counties, and the rural communities and neighborhoods.

4. Regulatory Service: By acts of the South Carolina General Assembly certain agricultural programs involving regulatory procedures have been assigned to Clemson College. The policy of the College is that of main-

taining as efficient and impartial compliance program, including the promulgation of rules and regulations, as authorized and directed under the Acts of the General Assembly.

III. SCHOOL OF ARCHITECTURE

1. Professional Education: The School of Architecture of Clemson College offers the professional curricula in South Carolina in preparation for the practice of architecture. Since the architectural profession has been charged with training not only those who will practice architecture, but also those involved in peripheral areas of the building industry, the School offerings include a professional curriculum for students planning to become building constructors.

In addition to its primary professional tasks, the School has the responsibility of maintaining programs and courses in the several visual arts which will enrich the cultural climate of the College and community.

Professional training for the architectural profession is at once an art and a science and necessarily includes basic work in humanities and a core of creative design courses undertaken concurrently with theoretical studies in the sciences and visual arts. Professional training for building construction embraces basic work in the humanities, in business and management, and technical studies in building construction and engineering.

2. Collaboration with Profession: The School closely serves with and derives notable support from the profession in the State. This collaboration is aimed towards the development of programs of high national rank. The School has a responsibility to serve the architectural profession by offering postgraduate short courses for architectural practitioners and by assisting in developing publications and other educational media.

IV. THE SCHOOL OF ARTS AND SCIENCES

1. A Threefold Role: The role of the School of Arts and Sciences in the present and future of Clemson College is threefold in nature. First, it offers instruction in the fundamental cultural subjects and basic sciences required of all undergraduate students at Clemson; secondly, it trains students professionally in the physical sciences, social studies, the humanities, pre-medicine, pre-dentistry, and secondary school teaching, finally, it provides leadership to the College in the creation and promotion of an intellectual and academic atmosphere on the campus.

2. General Undergraduate Teaching: The School of Arts and Sciences provides service teaching for the professional curricula. In addition, the School offers a typical B.A.

3. Graduate Specialized Training: A strong graduate program is a necessity for any institution wishing to attain national academic recognition. Furthermore, the rapid industrialization of South Carolina has enormously increased the demand for men and women with advanced technical training. In order to do its share in meeting this demand, the School of Arts and Sciences now has Ph.D. programs in chemistry and physics. Either the M.A. or the M.S. degree will be offered by each department in the School as the need arises.

V. THE SCHOOL OF ENGINEERING

1. Undergraduate and Graduate Instruction: The policy of the School of Engineering is to offer those curricula which are essential to sound engineering education and which are of interest to the industries and engineering firms of South Carolina. Clemson must not only have a strong undergraduate school of engineering, but must offer graduate work at both the master's and doctor's level in order to perform properly its function to the citizens of this State and the Southeast.

2. Research: Basic research is an essential and indispensable phase of the education of scientists and engineers. Its educational values are vital, imperative, and essential to the development of creative minds. The School of Engineering must, therefore, carry out a strong program of basic research activities. An expanded program of sponsored research is also necessary to care for the needs of engineering and industrial firms of the area.

3. Public Service: A continuing educational program for professional engineers is also offered through a series of short courses as the need and opportunities arise. The School proposes in the future to establish an Engineering and Industrial Extension Service which will work in harmony with the School of Industrial Management and Textile Science to provide services to engineers and industries throughout the State.

VI. THE SCHOOL OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

The role of the School of Industrial Management and Textile Science is to provide undergraduate and graduate instruction in the broad field of management and the more specialized area of textiles, and to foster a progressive research and public service program. The functions of the School are:

1. Undergraduate Instruction: The Industrial Management and Textile Science curricula are predicated on the philosophy that education for management is a life-long process and the best education for potential leaders in the American economy is that which increases the capacity of the individual to learn during the rest of his life. Therefore, the curriculum ephasizes the fundamental disciplines underlying the practice of management. South Carolina is the leading textile state. The textile industry is the chief employer in the industrial field as it makes up two-thirds of the industry in South Carolina. Therefore, it is logical that many students will choose to specialize in textiles in preparation for a career in that industry.

2. Graduate Curriculum: The School offers graduate courses leading to the Master of Science degree in textile chemistry and in industrial management. The objective of these programs is to aid college graduates to prepare for positions of major responsibility in American industry.

3. Research: The textile research division of the School is an integral part of the operation. A continuing challenge of the School is to broaden and strengthen this segment and to develop additional research programs as rapidly as feasible which will encourage the continued industrial development of South Carolina.

4. Public Service: This includes acquainting industry with the findings of the research program through publications and other media, offering special short courses for management and technical personnel, and providing any other service deemed appropriate.

INFORMATIONAL REPORT OF
THE DEAN OF THE COLLEGE

June 2, 1962

1. Curriculum Development

Since the last meeting of this Committee plans have been completed to begin our B.A. program with the first summer session; the enrollment of students in the new B.S. degree program in Building Construction has begun; and a curriculum in metallurgical engineering, to be implemented in September, has been approved.

Our review of curricula continues, and this week we have completed a thorough study of English and modern languages, replacing some courses with new ones and voiding some courses completely.

This review of curricula and of individual courses will continue, and the Board will be kept informed of developments.

At this point in our study we are delaying further major curricula additions as such until we have an opportunity to consolidate and evaluate the several new programs added in the past two years. We are convinced--and various accrediting groups and evaluation committees support our conviction--that our educational programs are being built on the solid bases of need and professional competence.

2. Faculty Strength

The numerical strength of the faculties at the end of the fiscal year is:

I. Numerical Strength*

1960-61	1961-62	
(248)	260	Members hold teaching appointments only.**
(57)	62	Members hold teaching and research appointments.
(51)	53	Members hold research appointments only.***
(356)	375	

* In addition to the above, who are teachers and researchers, the college rolls include 58 student teaching assistants; 346 professional workers in agricultural extension, 10 professional librarians, 48 research assistants and technicians, and 24 lecturers in military science and 2 lecturers in religion.

** Many of these also do research in spare time.

*** Many of these assist in teaching graduate students.

The faculty depth-of-training has improved again this year, despite increasing competition for faculty from all sources. The following table indicates the improvement:

II. Depth of Training

No. of Faculty 1960-61	No. of Faculty 1961-62		% of Total Faculty 1960-61	% of Total Faculty 1961-62
(144)	163	Ph.D. or equivalent	(40.4)	43.5
(182)	183	Master's degree	(51.1)	48.8
(30)	29	Bachelor's degree	(8.5)	7.7

Note: Ph.D. equivalents include DVM., M.Arch, and D.Sc.

Teachers for the 1962-1963 session are now employed, although a few vacant positions still exist in engineering and the physical science areas.

A special effort is being made to upgrade the terminal training level of the engineering faculty, and we expect in September to have an interesting report on that effort.

3. Teaching Load Data

Teaching load data for the 1961-62 academic year are appended. These data reflect (1) contact-clock hours per faculty member and (2) the actual number of students taught each semester by each teacher. No effort has been made to separate graduate and undergraduate teaching, although this is an important factor in departments having graduate programs.

The data also reflect student overloads in a few areas (e.g., Chemistry and Physics) and underloads in several (e.g., agricultural education, poultry, chemical engineering). Figures for the college as a whole indicate a workload position which is in line with accepted educational practice.

TEACHING LOAD DATA:
ACADEMIC 1961-62

Dept.	No. full Time Teacher Equiv.	Weekly Clk. Hr. Teaching Load			Credit Hours	Student Load		
		Theory	Lab.	Total		Per Theory Section	Per Lab. Section	Per Teacher Per Semester
Ag.Econ.	5.3	11.6	3.1	14.7	12.6	23	15	106
Ag.Educ.	1.7	2.9	15.0	17.9	7.9	17	13	34
Ag.Engr.	2.6	8.1	11.5	19.6	11.7	13	13	59
Agron.	4.3	5.9	7.7	13.6	8.5	23	16	86
A.H.	2.8	5.5	10.2	15.7	8.9	22	12	89
Bot.-Bact.	6.7	6.2	10.3	16.5	9.6	25	18	101
Dairy	2.2	9.1	8.2	17.3	11.8	13	11	52
Ent.-Zoo.	6.4	8.1	10.0	18.1	11.4	18	17	90
Forestry	3.3	5.6	9.5	15.1	8.8	28	18	87
Hort.	3.6	7.2	7.5	14.7	9.7	11	14	52
Poultry	1.1	5.9	8.2	14.1	8.6	12	12	32
Agric. Totals	40.0	7.3	8.8	16.1	10.2	20	15	78
Archit. Totals	13.0	2.4	16.9	19.3	8.2	16	19	42
Chem.-Geol.	22.6	5.8	5.6	11.4	7.6	39	42	178
Engl.-M.L.	35.0	13.9	0	13.9	13.9	21	0	97
I.M.	6.0	15.3	0	15.3	15.3	22	0	110
Math.	29.0	12.3	.4	12.7	12.7	31	19	84
Music	1.1	13.0	6.0	19.0	15.0	21	4	79
Physics	16.5	7.1	7.9	16.0	10.4	31	18	154
Soc.Sci.	26.9	13.5	.5	14.0	13.7	23	21	102
A.&S. Totals*	137.1	11.4	2.1	13.5	12.1	27	29	115
Cer. Engr.	2.5	9.0	12.0	21.0	13.0	13	10	73
Chem. Engr.	7.0	6.6	7.0	13.6	8.9	10	8	35
C.E.	7.0	5.5	8.1	13.6	8.2	16	16	57
E.E.	12.0	8.0	7.5	15.5	10.7	17	12	72
E.G.	11.8	0	18.3	18.3	6.1	0	29	76
E.M.	6.5	10.3	3.5	13.8	11.5	18	10	74
I.E.	8.5	4.6	13.8	18.4	9.1	17	20	80
M.E.	10.0	7.8	6.2	14.0	9.8	17	15	69
Engr. Totals	65.3	6.0	9.9	15.9	9.2	15	18	68
Textiles Totals	14.0	6.6	10.4	17.0	9.9	21	12	83
College Totals	269.4	8.8	6.2	15.0	10.8	24	19	94

* Military Science excluded

(Faculty-student ratio, based on total full-time enrollment is 1:14.7)

REPORT ON DEVELOPMENT AND PUBLIC RELATIONS

to the

Board of Trustees

June 19, 1962

The Committee on Development and Public Relations met at Clemson on June 2, 1962. (*) Members of the Committee present were W. Gordon McCabe, Jr., A. M. Quattlebaum, Paul Quattlebaum, Jr., James C. Self, and R. M. Cooper, ex officio member. Other trustees present included Edgar A. Brown, Robert R. Coker, and L. D. Holmes. Others in attendance included R. C. Edwards, F. J. Jervey, J. K. Williams, M. A. Wilson, W. T. Cox, Victor Hurst, and G. E. Metz.

Distributed to all members of the Board with the agenda for the meeting was a Report of Research Completed by the College Faculties, 1961-1962, as compiled by Dr. Hugh H. Macaulay, Dean of the Graduate School. There were no recommendations for review by the Committee at this meeting.

(*) Joint Meeting of all Standing Committees of the Board.

EXECUTIVE COMMITTEE REPORT

to the

Board of Trustees

June 19, 1962

The Executive Committee met at Clemson on June 2, 1962. (*) Members of the Committee present were Edgar A. Brown, presiding, Robert R. Coker, W. Gordon McCabe, Jr., and R. M. Cooper, ex officio member. Other trustees present included James C. Self, A. M. Quattlebaum, Paul Quattlebaum, Jr., and L. D. Holmes. Others in attendance were R. C. Edwards, M. A. Wilson, J. K. Williams, W. T. Cox, F. J. Jervey, Victor Hurst, and G. E. Metz.

Recommendations resulting from this meeting of the Committee are given as Items 4 - 10 of the recommendations for consideration of the Board on June 19, 1962. Also projected for consideration on June 19 was a recommendation to be developed regarding a lease or appropriate agreement to make land available at the Coast Experiment Station for use as an airstrip by the Town of Summerville, in accord with a general authorization of the Board passed on November 10, 1961.

(*) Joint Meeting of all Standing Committees of the Board.

REPORT OF
THE 1962 BOARD OF VISITORS
TO CLEMSON COLLEGE

The Board of Trustees
Clemson College
Clemson, South Carolina

Gentlemen:

The following citizens of South Carolina composed the 1962 Board of Visitors to Clemson College:

District 1	Mr. Berkeley Grimball Charleston, South Carolina	District 4	Mr. John P. Faris Laurens, South Carolina
	Mr. John M. Trask Beaufort, South Carolina		Mr. E. H. Rawl Spartanburg, South Carolina
District 2	Dr. B. C. McLean Aiken, South Carolina	District 5	Mr. William W. Foard Cheraw, South Carolina
	Mr. Marion W. Beacham Barnwell, South Carolina		Mr. R. C. Harrington Winnsboro, South Carolina
District 3	Honorable W. H. Clark Member of House Johnston, South Carolina	District 6	Mr. Robert G. Clawson Hartsville, South Carolina
	Mr. Robert L. Granger Greenwood, South Carolina		Mr. J. W. Swink Effingham, South Carolina

Hold-over Member for 1962:

Mr. Kenneth Cribb
Spartanburg, S. C.

It is with much pleasure that the 1962 Board of Visitors submits this report of its official visitation to Clemson College.

We enthusiastically commend President Robert C. Edwards for the excellent progress Clemson has made during the several years since the Board of Trustees wisely elected him President. He has demonstrated admirably his ability to inspire leadership. He has a keen vision of the needs, problems and opportunities for Clemson College to better educate the young people of South Carolina and the Nation.

Our Board members could not help but be cognizant of the dedication of purpose, and the spirit of cooperation shown by the faculty and the staff.

The sincere rapport between the administration and faculty, the appreciation by each of the other's work and the understanding by each of the problems that are ahead, will surely continue to carry Clemson to even greater heights as an outstanding institution of higher learning.

GENERAL COMMENTS

The Board members had full opportunity to talk personally and frankly with members of the administrative staff, deans of the various schools, department heads, faculty members, and student leaders. It is our opinion that the administration and faculty are fully aware of the various needs and interests of the student body. This reflects a vital aspect of the wholesome environment at Clemson which stimulates the students' search for knowledge.

We commend the Faculty Senate on its fine accomplishments; and especially on the work currently being done to draw up a written Academic Code of Ethics. It is felt that this code will mean a great deal to both the administration and the faculty in the future.

Dr. Jack K. Williams exemplifies excellent academic leadership as Dean of the College. His intellectual comprehension of the problems in the various schools and his practical interpretation of the administration's approach to such problems is conducive to a fine relationship between faculty and administration.

The Board members look with favor on the college's policy of stricter entrance requirements and encourages the administration to continue to be aggressive in recruiting good students.

We applaud the planning being done to provide waterfront recreational facilities for the students on the beautiful Hartwell Lake near the college. Although student morale is high, it is believed that utilization of the lake for recreational water sports will be welcomed. It is the feeling of the Board that more emphasis and encouragement should be given for wider participation in intramural sports activities.

We are pleased the Alumni Program of loyalty fund gifts continued its growth this year. The alumni dollars are allowing the College administration to move into areas which would otherwise be neglected for lack of funds. Especially noteworthy here is the establishment this year of the first two distinguished professorships at Clemson, both sponsored by the alumni. The 1962 Board of Visitors members have individually and collectively signed letters of appeal for funds to go out to the alumni by Joe Sherman, Director of Alumni and Public Relations.

THE SCHOOLS

The Board of Visitors shares with the college administration its pride in a competent, experienced and dedicated faculty. Totaling 375 persons, this faculty includes 260 members who hold teaching appointments, 62 who hold joint teaching-research appointments, and 53 who are appointed for research purposes alone. Of the total, 163 (43.5%) hold doctor's (or equivalent) degrees; 183 (48.8%) hold master's degrees; and 29 (7.7%) hold bachelor's degrees. Compared with 1961, these figures reflect a continuing progress in an effort to upgrade and provide the highest caliber of teachers for Clemson students, both undergraduate and graduate.

The Board also noted with satisfaction that faculty salaries were increased on a merit basis again this year (1962). We urge constant attention to salary upgrading so that competition from all sources may be met.

School of Agriculture

The School of Agriculture continues progressive programs in all areas of farming technology, livestock and poultry, experimental research, dairying and forestry. Educational work throughout the state is being carried on by the Extension Department. Reorganized and up-dated curricula places the school in better position to meet the needs of present-day agriculture. The Board suggests an increased emphasis on studies of mechanization and of utilization of modern equipment.

The facilities of the school are modern, clean and in good condition, although more and newer equipment is always needed.

School of Architecture

We were impressed with the School of Architecture; especially noteworthy is its modern teaching facilities, its library, and the number of students enrolled.

It was noted with approval that a new building construction curriculum would begin in September 1962 and would be administered in Architecture.

The school of Architecture is to be commended for its assistance in developing the long-range building program for Clemson. The Board studied the model plan on exhibit with much interest.

School of Arts and Sciences

The 1962 Board of Visitors was tremendously impressed with the magnitude and scope of this school. If Clemson is truly made co-educational, the impact on the Arts and Sciences School will be heavy and the school with its new B.A. program seems prepared to meet this challenge.

A strong Chemistry Department continues to make progress and has just been fully reaccredited. The chemistry graduate program is especially outstanding.

A new Physics Building has been completed since last year, and the new classroom building for Mathematics and English is well underway.

The Board strongly approves plans to expand the use of educational television instruction, especially in remedial Mathematics. Also, the Board approves of the move to design curricula which will cross department and school lines.

The members of the Board feverently hope that more good students can be attracted to major in Math, Physics, Education, and Chemistry. We believe that a more balanced distribution in these areas would be advantageous for teachers, students and for the school itself.

School of Textiles

It is our feeling that the School of Textiles is an excellent facility for the State of South Carolina, where one-third of all textile industry and one-half of all the textile finishing capacity in the United States are located. It is noteworthy that much research for the textile industry is done at Clemson, and the increased emphasis on textile research is commendable. Our state is still dominantly textiles and therefore still offers great opportunities for our youth.

We were pleased to learn that the Textile School was being redesigned as a School of Industrial Management and Textile Science, with more general education to be added, thus providing a broader base for graduates.

School of Engineering

This Board believes that here is a terrific program with a top-notch staff and unexcelled facilities.

Olin Hall and Earle Hall, gifts to Clemson from the Olin Foundation, are fine additions to the college plant. We are certain these facilities will attract research students and staff, the potential results of which can mean much to the economy and industrial growth of South Carolina.

The Doctor's degree now being offered in Chemical Engineering and the curriculum in Metallurgical Engineering are excellent forward advances by Clemson. The expansion of doctoral offerings to Materials Engineering, which will occur in the fall, is a similar advance.

The Board feels that plans to offer short courses, clinics, and seminars should be implemented. These could be of great assistance to industry.

The Graduate School

It is with much pride and satisfaction that we comment on the Graduate School. We congratulate Dean H. H. Macaulay for the tremendous progress of his school from a beginning in 1946 of only 6 students to a total current enrollment of 160, mostly in science fields.

It is interesting to note that two students from another state, who were attracted to the Clemson Graduate School, will be awarded Doctor's degrees this year in Entomology and that a third student from within the state will be awarded a Doctor's degree in Chemistry.

We extend our thanks to the Board of Trustees and the Administration for their foresight in establishing this school at Clemson and we urge full support for its development.

THE FACILITIES

An excellent program of health is being carried on by the Medical Staff for Clemson, but in a very inadequate building. This Board of Visitors unanimously recommends replacement of this building as soon as possible in the building program of Clemson College.

The library problem of adequate space for the more than 250,000 bound volumes is most serious. We are pleased to learn from the Administration and Director of the library that steps have already been taken to erect a new library building.

The members had lunch with the students in the cafeteria and we can say they are well fed and served. We heartily endorse the change to cafeteria style. We also commend the Manager and staff of The Clemson House. This building is of inestimable value to Clemson College. All of us wonder how the College ever got along without a hotel facility.

SUMMARY

All evidence points to the fact that the academic stature of the student body is continuing its upward trend. Especially noteworthy is the marked improvement of senior scores on the Graduate Record Examination this year over last.

We feel that a reappraisal should be made of the public image of the College by the Board of Trustees and the Administration. The College has, as we have pointed out, several top-notch schools other than agriculture, yet agriculture still seems to be the dominating image. In this connection the Board feels the film "This is Clemson" is excellent and will help very much to put across a fresher image. We think that another film, showing more of the technical lab work by the staff and students, would help Clemson enormously. Perhaps, as has been suggested by previous Boards of Visitors, changing the name to Clemson University would be a move worthy of whatever effort is required.

The members of the Board note with pride the expansion of research activity, especially in Engineering, Physical Science and Textiles. The appointment of a Research Director in Engineering should spur this activity even more. We urge a State appropriation which would establish the Engineering Experiment Station on a basis which would allow it to function properly. This investment by the State of South Carolina would pay handsome dividends, in our opinion.

The Board cannot emphasize too strongly the great need for Research Funds both from the State and from industry.

The Board of Visitors for 1962 fully concurs with the recent Report of the Governor's Advisory Committee on Higher Education that after the building of the new library and student hospital, the third most pressing need for a general facility at Clemson is a student center.

We also unanimously endorse Section E of that report which says,

> "The spirit of Clemson College appears to be high. The morale of the faculty is good. The President has full control of the Institution and commands the loyal, undivided support of the faculty, students and alumni. The Trustees of the College take an active interest in all its affairs. Within the past few years, a self-study of the College was made resulting in improvement of the physical plant, the Administrative framework, the curricula and the faculty."

The Board of Visitors also agrees fully with Section II of this report, which is entitled "The Place of Clemson in the State System of Higher Education" and which states:

> "By charter and design, Clemson is and should be the major center for agricultural, scientific and technological instruction and research in South Carolina. The agricultural, architectural and textile programs are each unique with Clemson in South Carolina. In each of these areas the College is the single voice of research and educational authority".
>
> "The engineering school at Clemson is the largest and best-equipped facility in the State, and Clemson is in an excellent position to build an exceptional engineering program, both undergradute and graduate."

In conclusion, this Board again expresses its appreciation for the opportunity to serve as Visitors in 1962. We repeat our unanimous commendation of the Trustees, the President, Administrative Staff, the Deans, Teaching Staff and all others associated with Clemson for the wonderful progress that is so evident to us.

We solicit the assistance of the Members of the General Assembly to enable Clemson College to capitalize on its great future and potential by providing funds for the equipment and facilities so essential for the continuing progress of the College.

The Board recommended and elected Robert G. Clawson of Hartsville as secretary and hold-over member for 1963.

Respectfully submitted
1962 BOARD OF VISITORS

By: /S/ ROBERT G. CLAWSON
Robert G. Clawson
Secretary

ADDITIONAL ITEMS FOR CONSIDERATION

12. LAND FOR SUMMERVILLE AIRPORT AT COAST EXPERIMENT STATION

Statement: On November 10, 1961, the Board authorized the administration to make available to the South Carolina Aeronautics Commission by lease or appropriate agreement certain lands at the Coast Experiment Station for use as an airport by the Town of Summerville. Subsequent to the November 10, 1961, meeting of the Board, it was determined (1) that there might be some advantage to the college to having the land made available to the County of Dorchester which would enter into appropriate agreements with the South Carolina Aeronautics Commission, and (2) that the title to the land, being in the name of the State of South Carolina, required that the Attorney General and the State Budget and Control Board be consulted concerning an effective way to consumate the lease agreement.

A lease agreement has been drafted to include the conditions imposed by the College and identify the land. Representatives of the Attorney General's Office feel that in this case the best way of handling the fact that the title to the land is in the name of the State

of South Carolina is to have the lease agreement as granted by the College include the following endorsement to be signed by the Secretary of the State Budget and Control Board:

"Approved by Budget and Control Board

"The South Carolina Budget and Control Board, on behalf of the State of South Carolina, does hereby approve and agree to the terms of the foregoing lease and has directed its Secretary to execute this agreement on its behalf.

"The State of South Carolina
By Its Budget & Control Board

"By: _____
Secretary "

Recommendations: (1) That, subject to approval of the State Budget and Control Board, and subject to the acceptance of the lease and conditions thereof by the County of Dorchester, the College make available to the County of Dorchester by lease agreement, endorsed as indicated, the land identified under the conditions of the lease agreement described above; and (2) That

Mr. R. M. Cooper, President of the Board be authorized to sign the lease (Memorandum of Agreement) on behalf of the College.

13. DORMITORY FOR WOMEN - SELECTION OF ARCHITECTS

Statement: In the interim between meetings, after careful consideration of all architectural firms in South Carolina which appeared to be best qualified to prepare plans and specifications for the new girls dormitory construction program, the administration recommended, and the Executive Committee concurred in, the selection of Hallman and Weemes, Architects of Aiken, South Carolina, as architects for this project. This action was taken in accord with the authorization of the Board at the meeting of April 11 and the contract has been signed with Hallman and Weemes.

Recommendation: That the contract with Hallman and Weemes, Architects of Aiken, South Carolina, to prepare plans and specifications for the new girls dormitory construction program be confirmed by the Board.

14. DESIGNATION OF DEPOSITORIES

Statement: The surety bond to cover the College for its personnel is renewable at this time; and, as a part of the over-all application, the bonding company requires a certification of Board action authorizing specific depositories for college funds. In the recommendation presented below, it is proposed that the college continue to use the depositories currently designated.

Recommendation: It is recommended (1) that (a) The First National Bank of South Carolina, Clemson, South Carolina, (b) The First National Bank of South Carolina, Anderson, South Carolina, and (c) The South Carolina National Bank, Anderson, South Carolina be designated as depositories for the funds of the college; and (2) that the appropriate collateral required of these banks to secure the deposits of the college be determined by the Comptroller of the college.

15. LEASE OF PROPERTY TO U. S. POST OFFICE DEPARTMENT

Statement and Recommendation: All of the essential authorizations have been provided by the Board of Trustees for leasing a portion of the ground floor of Dormitory No. 2 to the Post Office Department. In order to summarize these authorizations it is recommended that the following resolution be passed:

> Resolved that Clemson Agricultural College lease to the Post Office Department of the United States of America:
>
> A portion of the ground floor of Dormitory No. 2, on the campus of Clemson College, containing approximately 5,184 square feet of interior space.
>
> The lease be for a term of five (5) years from August 1, 1961, and is to be drawn in accordance with the terms, conditions and provisions of the proposal submitted to the Post Office Department on behalf of the College by Melford A. Wilson, Comptroller, to be effective as of August 1, 1961, and as said proposal may have been subsequently amended.
>
> Be it further resolved that Melford A. Wilson, Comptroller, is authorized and directed to execute and acknowledge such lease on behalf of the College.

SUMMARY OF BUDGET RECOMMENDATIONS

(Based on Estimated Funds Available)

	Budget 1961-62	Proposed 1962-63
Collegiate and Maintenance . .	$ 4,504,883.00	$ 4,983,499.00
Auxiliary Enterprises	2,132,160.00	2,188,436.00
Auxiliary Activities	1,480,738.00	1,805,318.00
Agricultural Research	2,087,960.88	2,205,580.00
Agricultural Extension Service.	2,763,726.71	2,926,810.95
Livestock-Poultry Health Dept.	274,568.00	307,655.00
Fert. Insp. & Analysis Dept. .	85,021.00	94,246.00
Total	$ 13,329,057.59	$ 14,511,544.95

SUMMARY

COLLEGIATE AND MAINTENANCE

Estimated Income 1962-63

State Appropriation	$ 3,594,820.00
State Appropriation Research in Water & Sewage	10,000.00
Federal Funds	93,732.60
Endowment Funds	9,266.36
Sales Electric Current and Water	255,000.00
Student Fees	828,800.00*
Summer Term Fees	103,000.00
Miscellaneous Income	88,880.04
Total	$ 4,983,499.00

Summary of Proposed Budget

	1961-62	1962-63
Total Salaries	$(3,147,171.00)	$ (3,483,500.00)
Current Positions	2,984,207.00	3,395,132.00
New Positions	162,964.00	88,368.00
Wages	386,058.00	433,632.00
Special Payments	8,100.00	10,600.00
Supplies and Expenses	537,230.00	583,973.00
Equipment	85,764.00	85,764.00
Coal and Electric Current	290,000.00	335,000.00
State Sinking Fund	50,560.00	51,030.00
Total	$ 4,504,883.00	$ 4,983,499.00

*Excludes $125,000.00 allocated to Auxiliary Activities.

Proposed Budget

	1961-62	1962-63
Central Photography		
Total Salaries	$ 18,780.00	$ 16,688.00*
Wages	400.00	400.00
Supplies and Expenses	6,000.00	6,300.00
Total	$ 25,180.00	$ 23,388.00
Office of Development		
Total Salaries	$ 65,352.00	$ 64,488.00*
Wages	2,600.00	2,000.00
Supplies and Expenses	15,400.00	18,000.00
Total	$ 83,352.00	$ 84,488.00
Dean of Student Affairs		
Total Salaries	$ (57,648.00)	$ (69,948.00)
Current Positions	52,848.00	62,208.00
New Positions	4,800.00	7,740.00
Wages	200.00	17,680.00*
Supplies and Expenses	6,100.00	7,800.00
Total	$ 63,948.00	$ 95,428.00
Student Affairs - Band		
Total Salaries	$ 8,448.00	$ 9,180.00
Wages	350.00	350.00
Supplies and Expenses	5,850.00	5,850.00
Total	$ 14,648.00	$ 15,380.00
Admissions and Registration		
Total Salaries	$ (46,680.00)	$ (62,136.00)
Current Positions	46,680.00	53,808.00
New Positions	- -	8,328.00
Wages	8,000.00	8,000.00
Supplies and Expenses	36,850.00	35,700.00
Total	$ 91,530.00	$ 105,836.00
Physical Training		
Total Salaries	$ 16,020.00	$ 16,020.00
Miscellaneous		
Total Salaries	$ 7,906.00	$ 8,652.00
Wages	600.00	600.00
Special Payments	4,200.00	4,200.00
Supplies and Expenses	33,500.00	34,984.00
Equipment	25,764.00	25,764.00
Payment to Sinking Fund	50,560.00	51,030.00
Total	$ 122,530.00	$ 125,230.00

*Data not comparable with prior year due to redistribution of payroll among sources of funds.

COLLEGIATE AND MAINTENANCE (Continued)

Proposed Budget

	1961-62	1962-63
Dean of the College		
Total Salaries	$ 33,078.00	$ 41,148.00*
Special Payments	2,500.00	4,800.00
Supplies and Expenses	5,050.00	13,150.00
Total	$ 40,628.00	$ 59,098.00
School of Agriculture		
Total Salaries	$ 437,063.00	$ 464,776.00
Wages	16,000.00	21,094.00
Supplies and Services	28,000.00	28,755.00
Total	$ 481,063.00	$ 514,625.00
School of Architecture		
Total Salaries	$ (115,560.00)	$ (127,488.00)
Current Positions	107,760.00	120,288.00
New Positions	7,800.00	7,200.00
Wages	660.00	726.00
Supplies and Services	2,525.00	3,251.00
Total	$ 118,745.00	$ 131,465.00
School of Arts and Sciences		
Total Salaries	$ (924,230.00)	$ (1,059,706.00)*
Current Positions	846,398.00	1,033,090.00
New Positions	77,832.00	26,616.00
Wages	9,500.00	9,500.00
Special Payments	1,150.00	1,150.00
Supplies and Services	34,300.00	37,125.00
Total	$ 969,180.00	$ 1,107,481.00
School of Engineering		
Total Salaries	$ (673,180.00)	$ (747,923.00)*
Current Positions	627,148.00	731,219.00
New Positions	46,032.00	16,704.00
Wages	2,725.00	2,775.00
Special Payments	- -	200.00
Supplies and Services	27,675.00	28,690.00
Total	$ 703,580.00	$ 779,588.00

*Data not comparable with prior year due to redistribution of payroll among sources of funds.

COLLEGIATE AND MAINTENANCE (Continued)

Proposed Budget

	1961-62	1962-63
School of Industrial Management and Textile Science		
Total Salaries	$ (225,854.00)	$ (242,918.00)*
Current Positions	225,854.00	239,118.00
New Positions	- -	3,800.00
Wages	1,000.00	850.00
Supplies and Expenses	7,200.00	8,353.00
Total	$ 234,054.00	$ 252,121.00
Air Science		
Supplies and Expenses	$ 1,075.00	$ 1,150.00
Army ROTC		
Wages	$ 250.00	$ 250.00
Supplies and Expenses	1,350.00	1,500.00
Total	$ 1,600.00	$ 1,750.00
Summer School		
Total Salaries	$ 93,000.00	$ 103,000.00
Teaching & Research in Water & Sewage		
Total Salaries	$ 8,800.00	$ 7,951.00
Wages	100.00	25.00
Supplies and Expenses	1,100.00	2,024.00
Total	$ 10,000.00	$ 10,000.00
Library		
Total Salaries	$ (99,240.00)	$(107,448.00)
Current Positions	96,840.00	104,868.00
New Positions	2,400.00	2,580.00
Wages	3,831.00	5,160.00
Supplies and Expenses	18,180.00	20,430.00
Equipment	50,000.00	50,000.00**
Total	$ 171,251.00	$ 183,038.00
Physical Plant		
Total Salaries	$ 131,400.00	$ 143,046.00
Wages	314,708.00	339,000.00
Supplies and Expenses	240,000.00	260,000.00
Equipment	10,000.00	10,000.00
Sub-Total	696,108.00	752,046.00
Coal and Electric Current	290,000.00	335,000.00
Total	$ 986,108.00	$1,087,046.00
Total, Collegiate and Maintenance	$ 4,504,883.00	$ 4,983,499.00

*Data not comparable with prior year due to redistribution of payroll among sources of funds.

**To be supplemented to extent practicable as funds become available from salary lapses.

AUXILIARY ENTERPRISES

(Budget Equals Estimated Income, Plus Student Fees, if any)

	1961-62	1962-63
College Housing		
Total Salaries . . . . . $	12,108.00 $	14,172.00
Wages	34,000.00	36,380.00
Supplies and Expenses . . .	76,174.00	64,100.00
Total . . . . $	122,282.00 $	114,652.00
Dormitories		
Total Salaries . . . . . $	27,828.00 $	32,676.00
Wages	69,431.00	57,460.00
Supplies and Expenses . . .	37,000.00	65,756.00
Bond Payments	427,640.00	435,435.00
Equipment	27,511.00	16,153.00
Total . . . $	589,410.00 $	607,480.00
Dining Hall		
Total Salaries . . . . . $	41,436.00 $	46,512.00
Wages	265,498.00	280,161.00
Supplies and Expenses . . .	867,601.00	866,045.00
Bond Payment	12,000.00	12,000.00
Equipment	19,585.00	16,630.00
Total . . . $	1,206,120.00 $	1,221,348.00
Laundry		
Total Salaries . . . . . $	16,728.00 $	17,448.00
Wages	98,000.00	100,800.00
Supplies and Expenses . . .	20,944.00	23,600.00
Total . . . . $	135,672.00 $	141,848.00
Hospital		
Total Salaries . . . . . $	48,276.00 $	50,908.00
Wages	5,200.00	9,000.00
Special Payments	2,500.00	4,000.00
Supplies and Expenses . . .	31,700.00	39,200.00
Equipment	3,000.00	- -
Total . . . . $	90,676.00 $	103,108.00

AUXILIARY ACTIVITIES (Restricted Funds)

(Budget Equals Estimated Income, Plus Student Fees, if any)

	1961-62	1962-63
Athletic Department		
Total Salaries	$ 140,716.00	$152,820.00
Wages	28,000.00	32,000.00
Special Payments	15,000.00	16,500.00
Supplies and Expenses	290,500.00	556,680.00
Equipment	5,000.00	10,000.00
Total	$ 479,216.00	$768,000.00
Book Store		
Total Salaries	$ 16,368.00	$ 17,364.00
Wages	3,900.00	3,000.00
Supplies and Expenses	218,000.00	229,636.00
Total	$ 238,268.00	$ 250,000.00
Canteen		
Total Salaries	$ 8,292.00	$ 8,868.00
Wages	43,900.00	45,500.00
Supplies and Expenses	151,000.00	160,632.00
Total	$ 203,192.00	$215,000.00
Clemson House		
Total Salaries	$ 45,288.00	$ 48,204.00
Wages	130,000.00	130,000.00
Supplies and Expenses	323,346.00	329,158.00
Total	$ 498,634.00	$507,362.00
Y. M. C. A.		
Total Salaries	$ 23,028.00	$ 24,456.00
Wages	7,700.00	8,000.00
Special Payments	- -	1,000.00
Supplies and Expenses	30,700.00	26,500.00
Equipment	- -	5,000.00
Total	$ 61,428.00	$ 64,956.00

SUMMARY

S. C. AGRICULTURAL EXPERIMENT STATION

ESTIMATED FUNDS AVAILABLE

	1961-62	1962-63
State Appropriation	$ 872,874.88*	$ 986,063.00
Farm Revenue	368,215.00**	344,530.00#
Federal Funds	766,963.00	766,963.00
Other Funds	79,908.00	108,024.00
Total	$2,087,960.88	$2,205,580.00

SUMMARY OF PROPOSED BUDGET

Total Salaries	(1,166,952.00)	(1,262,160.00)
Existing Positions	1,166,952.00	1,223,448.00
New Positions	- - - -	38,712.00
Wages	398,733.00	375,000.00
Special Payments	500.00	500.00
Supplies and Expenses	405,275.88	480,820 .00
Equipment	104,500.00	80,100.00
Permanent Improvements	12,000.00	7,000.00
Total	$2,087,960.88	$2,205,580.00

PROPOSED ALLOCATION OF FUNDS

Administration and Clemson Station	1,693,654.88	1,779,704.00
Coast Experiment Station	30,784.00	31,794.00
Edisto Experiment Station	166,170.00	185,462.00
Pee Dee Experiment Station	96,550.00	102,150.00
Sandhill Experiment Station	46,283.00	48,561.00
Truck Experiment Station	54,519.00	57,909.00
Total	$2,087,960.88	$2,205,580.00

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* Includes $15,000.00 special appropriation for peach disease work and $2,512.88 for Seminar on Atomic Progress in Agriculture

** Includes $38,215.00 for Economic Poison Law Enforcement

\# Includes $44,530.00 for Economic Poison Law Enforcement

SUMMARY OF INCOME FOR SALARIES FROM OTHER FUNDS

Atomic Energy Commission	$ 5,568.00	$ 14,940.00
S. C. Foundation Seed Association	2,640.00	2,820.00
Government Land Timber	29,952.00	33,948.00
Thomas J. Lipton, Inc.	6,684.00	7,308.00
S. C. Crop Improvement Association	11,652.00	12,336.00
Southeastern Aromatic Tobacco Association	240.00	---
Arthur O. Wellman (Sheep Station)	7,116.00	7,500.00
Williams Waterman Fund	5,448.00	3,204.00
U. S. Department of Health, Education & Welfare	6,000.00	---
National Institutes of Health	4,608.00	5,508.00
National Defense Education Act	---	3,600.00
National Science Foundation	---	5,004.00
Reimbursable Contracts	---	11,856.00
Total	$ 79,908.00	$ 108,024.00

SUMMARY

AGRICULTURAL EXTENSION SERVICE

Estimated Funds Available 1962-1963

State Appropriation - Extension	$ 1,175,000.00
State Appropriation - Camps Cooper, Long, Daniels	7,200.00
County Funds	169,069.95
Federal Funds	1,565,989.00
Other Funds	9,552.00
Total	$ 2,926,810.95

Summary of Proposed Budget

	1961-62	1962-63
Total Salaries	$ 2,280,277.90	$ 2,453,884.43
Wages	29,655.00	31,500.00
Supplies and Expenses	423,091,81	428,226.52
Equipment	23,502.00	6,000.00
Sub-Total	$ 2,756,526.71	$ 2,919,610.95
Camps Cooper, Long, Daniels	7,200.00	7,200.00
Total	$ 2,763,726.71	$ 2,926,810.95

SUMMARY

LIVESTOCK-POULTRY HEALTH DEPARTMENT

State Appropriation.....$307,655

Proposed Budget 1962 - 1963

	1961-62	1962-63
Salaries	$ 153,876	$ 174,972
Wages	7,500	8,600
Special Payments	24,000	22,000
Supplies and Expenses	66,805	74,883
Indemnities	19,987	20,000
Equipment	2,400	7,200
	$ 274,568	$ 307,655

DEPARTMENT OF FERTILIZER INSPECTION & ANALYSIS

1962-63

SUMMARY

	1961-62	1962-63
Salaries . . . . . $	54,372.00	$ 59,052.00
Wages	11,886.00	12,386.00
Supplies and Expenses	18,763.00	20,708.00
Equipment	--	2,100.00
Total . . . $	85,021.00	$ 94,246.00

The Clemson Agricultural College

Administration and General 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
President's Office							
Robert C. Edwards		President	Salary		14,000	20,000	
			Personal Exp.		(5,000)	(5,000)	
					(19,000)	(25,000)	
M. C. Jamieson		Staff Assistant			4,800	4,800	
Bobbie M. Longshore		Secretary			2,940	3,156	
G. E. Metz		Asst. to Pres. & Sec. of Board			9,300	10,008	
Virginia Shanklin		Secretary			5,520	6,072	
Comptroller's Office							
Melford A. Wilson		Comptroller	C		9,600	11,004	
			DH		(1,200)	(768)	
			Dorm		(600)	(1,200)	
			Hous		(600)	(600)	
			Sta		(1,200)	(1,500)	
			Ext		(1,800)	(1,932)	
					(15,000)	(17,004)	
K. R. Helton		Internal Auditor	C		5,376	4,632	
			DH		(732)	(2,316)	
			Sta		(2,400)	(2,400)	
					(8,508)	(9,348)	
G. Hamilton Hill		Budget Officer	C		6,996	7,416	
			Dorm		(492)	(492)	
			Sta		(1,200)	(1,200)	
					(8,688)	(9,108)	
Roberta James		Stenographer			2,448	2,760	
Melinda Leard		Typist			2,292	2,580	
Virginia Poole		Principal Clerk			5,112	5,556	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)		No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Comptroller's Office - (Continued)								
Patsy Sloan		Clerk				2,460	2,760	
_____		Methods & Procedures Supv.		C		7,404	7,884	
				Sta		(600)	(756)	
						(8,004)	(8,640)	
_____		Secretary				3,000	3,204	
Accounting Division								
Melvin E. Barnette		Accountant		C		4,476	2,916	
				Sta		(2,004)	(4,068)	
						(6,480)	(6,984)	
Roy J. Campbell		Machine Opr.		C		180	456	
				Ext		(4,500)	(4,500)	
						(4,684)	(4,956)	
Frances O. Ehni		Machine Opr.				2,520	2,820	
Rebecca D. Garland		Teller				2,460	2,460	
Brenda Gilliland		Accounts Clerk				2,292	2,460	
Vivian R. Harrell		IBM Supv.		C		2,808	2,832	
				Ext		(3,000)	(3,120)	
				FI&A		(1,500)	(1,908)	
						(7,308)	(7,860)	
Bobbie Jo Head		Audit Clerk				2,580	2,820	
Trescott N. Hinton		Chief Accountant		C		1,968	1,848	
				Sta		(4,596)	(5,568)	
				Ext		(3,276)	(3,384)	
						(9,840)	(10,800)	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)		No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Accounting Division (Continued)								
Virginia A. Jackson		Sr. Payroll & Vouc.	Clk.	C		600	1,260	
				Sta		(300)	--	
				Ext		(2,700)	(2,700)	
						(3,600)	(3,960)	
Elizabeth Lyles		Machine Opr.		C		420	360	
				Sta		(2,100)	(2,340)	
						(2,520)	(2,700)	
Betty Moorman		Senior Teller				3,564	3,864	
Edith M. Rice		Audit Clerk		C		2,544	852	
				Sta		--	(1,728)	
						2,544	(2,580)	
Louise M. Robinson		Teller				2,520	2,700	
Shirley Swiney		Secretary				2,880	3,084	
Joseph S. Walker		Bursar		C		5,100	4,268	
				Dorm		(2,400)	(3,772)	
						(7,500)	(8,040)	
Loretta Traylor		Teller I				2,292	2,460	
		Machine Opr.				2,292	2,460	
Personnel Division								
Sarah R. Dance		Typist		C		2,292	--	
				Ext		--	(2,460)	
						2,292	(2,460)	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Personnel Division -(Continued)							
John B. Gentry		Personnel Director	C		2,208	576	
			DH		(1,104)	--	
			Ext		--	(2,400)	
			Ldy		(876)	(876)	
			Sta		(4,800)	(6,024)	
					(8,988)	(9,876)	
Patricia D. Hawkins		Secretary			3,036	3,300	
Bobbie M. Moss		Steno I			2,520	2,700	
C. Wallace Lott		Job Analyst	C		6,240	2,892	
			Dorm		--	(1,500)	
			DH		(336)	(2,736)	
			Ldy		(324)	(324)	
					(6,900)	(7,452)	
Purchasing Division							
N. Roy Boggs		Supv. of Stores			4,656	5,124	
Barbara L. Gibson		Clerk-Typist			2,292	2,520	
Earl S. Liberty		Director of Purchasing	C		5,820	4,944	
			Sta		(3,168)	(4,932)	
					(8,988)	(9,876)	
Phyllis M. Ott		Clerk-Typist			2,292	2,520	
Thomas J. Perry		Property Custodian			4,248	4,680	
Garven Cannon		Quartermaster			4,584	5,052	
Rebekah C. Timms		Secretary III			2,880	3,120	
Central Office Services							
Wyley W. Addis		Lead Machine Operator			3,408	3,744	
Sarah A. Brown		Machine Opr.			2,292	2,460	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Central Office Services - (Continued)							
Carol Lee Dill		Typist & Machine Opr. I			2,292	2,460	
Sam Hanvey		Supv. & Machine Opr.	C		3,348	3,624	
			Sta		(1,920)	(1,968)	
			Dorm		(408)	(408)	
					(5,676)	(6,000)	
Bobby L. Hawkins		Machine Opr. II			2,520	2,700	
Patricia J. Isbell		Machine Opr. II			2,520	2,700	
Lawrence E. Reid		Mail Clerk			2,364	2,532	
Peggy Ann Truesdale		Machine Opr. I			2,292	2,460	
Larry E. Wallace		Messenger	C		60	--	
			Sta		(1,908)	(2,112)	
					(1,968)	(2,112)	
Telephone Overhead							
Virginia S. Gravely		Telephone Operator	C		1,596	1,740	
			Sta		(1,908)	(2,112)	
					(3,504	(3,852)	
Photography							
James Burns		College Photographer			6,864	7,500	
Lucille D. Hanvey		Typist			2,292	2,460	
C. W. Haralson		Photographer	C		5,208	1,724	
			Ath		--	(4,000)	
					5,208	(5,724)	
W. H. Hurley, Jr.		Photographer			4,668	5,004	
Office of Development							
Charles Cooper		Editor			5,484	5,868	
R. G. Davis		College Editor			7,500	8,100	
Sandra L. Dill		Typist I			2,292	2,460	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Office of Development - (Continued)							
Alta Gambrell		Machine Opr. 1			2,604	2,784	
Linda Grant		Typist I			2,292	2,460	
Frank J. Jervey		Vice President for Development			12,720	14,004	
Mary LaGrone		Secretary II (Part-time)			1,320	1,416	
Fred Mohrmann		Editor, News Bureau			5,652	6,048	
George Moore		Class Secretary		Alum	(5,664)	(6,096)	
Margaret Palmer		Custodian, Calhoun Mansion			2,184	2,244	
Mae R. Rishel		Typist II			2,520	2,760	
Rachel Scott		Secretary 111			3,000	3,240	
Joe Sherman		Dir., Public & Alumni Relations			9,792	10,404	
Catherine Spurlock		Clerk 111		Alum	(3,108)	(3,336)	
New Position:		Typist II			--	2,700	
Dean of Student Affairs							
Sybil R. Albert		Secretary III			3,408	3,672	
Denere M. Anderson		Secretary II (Placement)			2,700	2,940	
Wanda Burnette		Stenographer I			2,520	2,700	
George E. Coakley		Asst. Dean of Students			5,700	6,276	
J.R.R. Cooper		Gen. Sec. YMCA		C	4,008	4,278	
				YMCA	(4,692)	(4,962)	
					(8,700)	(9,240)	
Walter T. Cox		Dean of Student Affairs			11,808	13,008	
Henry E. Florey		Resident Counselor			4,800	5,100	
Davis G. Hughes		Director, Student Aid & Placement			6,504	7,200	
Linda Keaton		Stenographer I			2,520	2,760	
Bobbie O. Palmer		Secretary II in YMCA		C	1,464	1,554	
				YMCA	(1,488)	(1,578)	
					(2,952)	(3,132)	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Dean of Student Affairs - (Continued)							
Margaret B. Poole		Counselor, Student Affairs			4,896	5,220	
J. L. Studdard		Resident Counselor			4,800	4,800	
		Traffic Counselor			2,520	2,700	
New Positions:							
Virginia S. Hardie	Phd	Counseling Psychologist &	A&S		--	(3,360)	
		Assoc. Prof.	C		--	5,040	
						(8,400)	
		Steno. I			--	2,700	
Student Affairs - Dept. of Bands							
John H. Butler		Dir. of Bands & Asst. Prof. of Music Ed.			6,000	6,300	
Marjorie C. Montville		Typist II			2,640	2,880	
Admissions and Registration							
Gertrude R. Bailey		Recorder			3,696	3,948	
R. J. Berry		Registrar			6,840	7,392	
Tommie D. Bickley		Adm. Asst.			3,036	3,252	
Carolyn E. Boggs		Transcript Clerk III			2,772	2,964	
Dorothy Britt		Typist II			2,520	2,520	
Lola L. Eaddy		Clerk III			3,012	3,204	
William R. Mattox		Admissions Supv.			5,292	6,000	
Phyllis B. Mullinax		Steno. I			2,520	2,820	
Betty S. Mullinax		Clerk III			2,772	2,964	
Edna B. Rice		Typist I			2,292	2,520	
Frances K. Scott		Typist II			2,520	2,700	
Vivian Stepp		Secretary III			3,012	3,120	
K. N. Vickery		Dir. Admissions & Registration			9,600	10,404	
New Positions:							
		Steno. II			--	2,820	
		Financial Aid Supv.			--	5,508	

The Clemson Agricultural College

Administration and General 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Physical Training							
Frank J. Howard		Director of Athletics	C		6,504	6,504	
			Ath		(9,396)	(9,996)	
					(15,900)	(16,500)	
B. H. Wilhelm		Dir. of Intr. Sports & Baseball Coach	C		5,508	5,508	
			Ath		(1,500)	(1,884)	
					(7,008)	(7,392)	
C. C. Roberts, Jr.		Asst. Basketball Coach & Asst. for Intra. Sports	C		4,008	4,008	
			Ath		(1,596)	(2,172)	
					(5,604)	(6,180)	
Miscellaneous Department							
C. A. Arrington		Chaplain			1,260	1,380	
M. B. Hudnall		Chaplain			1,260	1,380	
B. D. Cloaninger		Recorder			336	372	(a)
C. E. Raynall, Jr.		Chaplain			1,260	1,380	
M. O. James		Chaplain			1,260	1,380	
T. F. Tierney		Chaplain			1,260	1,380	
E. D. Stockman		Chaplain			1,260	1,380	
Teaching and Research, Water, and Sewage							
J. H. Moore		Prof. & Head, Civil Engr.			1,548	1,680	(b)
Gloria B. Dukes		Secretary II			2,640	2,904	
Summer Pay for Additional Professional Services as Needed					4,612	3,367	

(a) See Fertilizer Inspection and Analysis Budget for total salary.

(b) See School of Engineering Budget for total salary.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)		No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Dean of the College								
J. K. Williams	PhD	Dean of the College & Prof. of History & Government		C	12	10,500	12,144	
				Sta		(1,500)	(1,680)	
				Ext		(1,500)	(1,680)	
						(13,500)	(15,504)	
Mamie R. C. Miles	MS	Secretary III			12	3,096	3,420	
H. H. Macaulay	PhD	Dean of Graduate School & Professor of Economics			12	11,208	12,000	
		Typist II			12	- -	2,700	
Sarah M. Skelton		Secretary II		C	12	2,520	1,416	
				Sta		- -	(1,404)	
						2,520	(2,820)	
C. B. Green	PhD	Director Summer Sessions & Extended Programs & Professor of English		A&S		11,208	(5,004)	
				SS	12	- -	6,648	
						11,208	(11,652)	
Linda E. Mann		Typist II			12	2,520	2,700	
M. A. Owings		College Marshal					120	
M. C. Palmer	MA	Assoc. Prof. & Dir. Computer Cen.		A&S	9	(3,924)	(5,064)	
				DC	12	(5,760)	- -	
				Sta	12	- -	(4,392)	
				Ext	12	- -	(672)	
						(9,684)	(10,128)	

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Agricultural Economics & Rural Sociology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
G. H. Aull	PhD	Head of Department Prof Agr Econ & Rural Sociol and Agr Econ		12	C 5700 S 5700 11,400	5904 5904 11,808	
J. M. Stepp	PhD	Prof Agr Econ		9	C 9300	9804	
L. M. Bauknight	MS	Assoc Prof Agr Econ		9	C 7500	7752	
V. A. Boyd	MS	Assoc Prof Rural Sociol		9	C 7500	7752	
H. C. Spurlock	PhD	Assoc Prof Agr Econ Assoc Agr Econ		12	C 4500 S 4500 9000	4800 4800 9600	
H. L. Steele	PhD	Assoc Prof Agr Econ Assoc Agr Econ		12	C 2460 S 5748 8208	2280 6828 9108	
B. J. Todd	MS	Assoc Prof Agr Econ		9	C 7500	7752	
Beth Anderson	AB	Secretary		12	C 1668 S 1668 3336	1788 1776 3564	

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Agricultural Education

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
L. H. Davis	PhD	Head of Department Prof Agr Educ		9	C 5280 SD 4320 9600	4968 4968 9936	Eff. 9/1/62 charge to following on 12 mo. basis: C 6,304 SD 5,168 11,472
W. C. Bowen	MS	Assoc Prof Agr Educ		9	C 5244 SD 2256 7500	4812 2940 7752	
F. E. Kirkley	MS	Assoc Prof Agr Educ		9	C 1872 SD 5628 7500	3180 4572 7752	
E. T. Carpenter	PhD	Asst Prof Agr Educ		9	C 2292 SD 5196 7488	2988 5100 8088	
J. H. Rodgers	PhD	Asst Prof Agr Educ		9	C 4332 SD 3156 7488	4044 4200 8244	
Frances T. Brandt		Secretary		12	SD 2640	2844	
Mildred Chapman		Stenographer		12	C 2520	2700	

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Agricultural Engineering

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
T. V. Wilson	MS	Acting Head of Dept Prof Agr Engin and Agr Engineer		12	C 4404 S 5604 10,008	5508 5508 11,016	Will revert to Prof Agr Engin and Agr Engineer 1-1-63
H. E. McLeod	PhD	Assoc Prof Agr Engin Assoc Agr Engineer		12	C 4380 S 5580 9960	-- --	Resigning 6-30-62
E. B. Rogers, Jr.	MS	Assoc Prof Agr Engin Assoc Agr Engineer		12	C 5328 S 4176 9504	5748 4512 10,260	
J. T. Craig	MS	Asst Prof Agr Engin		9	C 6996	7296	
T. H. Garner	PhD		Asst Prof Agr Engin Asst Agr Engineer	12	C -- S --	4176 5328 9504	Will replace H. E. McLeod
S. A. Nunnery	MS	Asst Agr Engineer	Asst Prof Agr Engin Asst Agr Engineer	12	C -- S 6564 6564	1500 5292 6792	
H. O. Vaigneur	MS	Asst Prof Agr Engin Asst Agr Engineer	Asst Agr Engineer	12	C 1044 S 6396 7440	-- --	Transferred to full time Station
A. W. Snell	MS	Head of Dept Prof Agr Engin Agr Engineer		12	C -- S --	3660 7440 11,100	Returning from leave 1-1-63

Form B-3
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The Clemson Agricultural College

Collegiate Activities - Agricultural Engineering (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Vacant position	PhD	Assoc Prof Agr Engin Assoc Agr Engineer		12	C 3828 S 4860 8688	1932 6876 8808	
Vacant position	PhD	Assoc Prof Agr Engin Assoc Agr Engineer	Assoc Agr Engineer	12	C 3204 S 4992 8196	-- --	Transferred to full time Station
Carole Ramey		Stenographer		12	C 1080 S 1560 2640	1164 1656 2820	

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(May 1960)

The Clemson Agricultural College

Collegiate Activities - Agronomy and Soils

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
U. S. Jones	PhD	Head of Department Prof Agron & Soils Agronomist		12	C 4644 S 6960 11,604	4884 7320 12,204	
C. M. Jones	PhD	Prof Agron		9	C 8856	9456	
T. C. Peele	PhD	Prof Agron Soil Scientist	Soil Scientist	12	C 1452 S 8904 10,356	-- --	Transferred to full time Station
C. E. Bardsley	PhD	Assoc Prof Agron Assoc Agron		12	C 5412 S 3036 8448	5880 3312 9192	
W. P. Byrd	PhD	Assoc Prof Agron Assoc Agron		12	C 924 S 8232 9156	4128 5688 9816	
G. R. Craddock	PhD	Assoc Prof Agron Assoc Soil Sci		12	C 5232 S 3792 9024	5664 4104 9768	
E. B. Eskew	MS	Assoc Prof Agron Assoc Agron		12	C 1764 S 7044 8808	1860 7416 9276	
N. R. Page	PhD	Assoc Prof Agron Assoc Agron		12	C 4116 S 5736 9852	4392 6060 10,452	

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Agronomy and Soils (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
B. J. Gossett	PhD	Asst Agronomist	Asst Prof Agron Asst Agron	12	C -- S 7800 7800	780 7020 7800	
P. W. Watkins	PhD	Asst Prof Agron Asst Agron		12	C 5700 S 1908 7608	6036 2352 8388	
Ellie Jo Ann Teat		Secretary		12	C 1356 S 1344 2700	1440 1440 2880	

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The Clemson Agricultural College

Collegiate Activities - Animal Husbandry

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
R. F. Wheeler	PhD	Head of Department Prof Anim Husb Animal Husb		12	C 4248 S 6360 10,608	4632 6936 11,568	
W. C. Godley	PhD	Prof Anim Husb Anim Husb		12	C 2316 S 8088 10,404	4368 6840 11,208	
R. R. Ritchie	MS	Prof Anim Husb Anim Husb		12	C 7848 S 1956 9804	8088 2016 10,104	
J. R. Cook	MS	Assoc Prof Anim Husb		9	C 8040	--	Terminated 8-31-61
R. L. Edwards	PhD	Asst Prof Anim Husb Asst Anim Husb		12	C 3624 S 5064 8688	3912 5388 9300	
D. L. Handlin	MS	Asst Prof Anim Husb Asst Anim Husb		12	C 4488 S 4020 8508	4668 4140 8808	
D. H. Kropf	PhD	Asst Prof Anim Husb Asst Anim Husb		12	C 4104 S 4596 8700	-- --	Resigned 1-31-62
G. C. Skelley, Jr.	MS	Asst Prof Anim Husb Asst Anim Husb		12	C -- S --	3540 3960 7500	To succeed D. H. Kropf

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Animal Husbandry (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
N. N. Henderson		Foreman		12	C 3120	3180	
Josephine S. Lazar		Secretary		12	C 1356 S 1536 2892	1440 1644 3084	

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The Clemson Agricultural College

Collegiate Activities - Botany and Bacteriology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
W. M. Epps	PhD	Head of Department Prof Bot & Bact, Plant Path and State Path		12	C 5904 S 5904 11,808	6144 6156 12,300	
J. M. Rush	PhD	Prof Bact		9	C 8200	8688	
R. W. Rutledge	PhD	Prof Botany		9	C 8500	8808	
J. B. Whitney	PhD	Prof Botany		9	C 9036	9516	
R. P. Ashworth	PhD	Assoc Prof Botany		9	C 7680	8400	
J. H. Bond	MS	Assoc Prof Bact Assoc Bact	Assoc Prof Bact	9	C 6012 S 2340 8352	8352 -- 8352	
H. H. Foster	PhD	Assoc Prof Botany Assoc Plant Path	Assoc Plant Path	12	C 600 S 7920 8520	-- --	Transferred to full time Station
J. E. Halpin	PhD	Assoc Plant Path	Assoc Prof Botany Assoc Plant Path	12	C -- S 8688 8688	1584 7716 9300	
A. C. Mathews	PhD	Assoc Prof Botany	Prof Botany	9	C 8220	8808	
W. W. Witcher	PhD	Assoc Prof Botany Assoc For Path	Assoc For Path	12	C 2268 S 5832 8100	-- --	Transferred to full time Station

Form B-3
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The Clemson Agricultural College

Collegiate Activities - Botany and Bacteriology (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
G. C. Kingsland	PhD	Asst Prof Botany Asst Plant Path		12	C 1092 S 6756 7848	1176 7272 8448	
Lorna Rife		Secretary		12	C 1320 S 1320 2640	1404 1416 2820	

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The Clemson Agricultural College

Collegiate Activities - Dairy Science

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
B. E. Goodale	MS	Head of Department Prof Dairying Dairy Husb	Head of Department Prof Dairy Science Dairy Scientist	12	C 4776 S 5832 10,608	5040 6168 11,208	
Victor Hurst	PhD	Prof Dairying Dairy Husb	Prof Dairy Science Dairy Scientist Al. Dist. Prof.	12	C 2244 S 7980 10,224 - - (10,224)	2448 8700 11,148 (1,500) (12,648)	
W. A. King	PhD	Prof Dairying Dairy Husb	Prof Dairy Science Dairy Scientist	12	C 2328 S 8268 10,596	3132 8076 11,208	
C. C. Brannon	BS	Assoc Prof Dairying Assoc Dairyman	Assoc Prof Dairy Science Assoc Dairy Scientist	12	C 636 S 7308 7944	660 7536 8196	
R. W. Henningson	PhD	Assoc Prof Dairying Assoc Dairy Sci	Assoc Prof Dairy Science Assoc Dairy Scientist	12	C 2784 S 6240 9024	3012 6696 9708	
J. J. Janzen	PhD	Assoc Prof Dairying Assoc Dairy Sci	Assoc Prof Dairy Science Assoc Dairy Scientist	12	C 2220 S 6672 8892	2400 7200 9600	
J. T. Lazar, Jr.	PhD	Assoc Prof Dairying Assoc Dairy Sci	Assoc Prof Dairy Science Assoc Dairy Scientist	12	C 6480 S 3216 9696	6840 3360 10,200	

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The Clemson Agricultural College

Collegiate Activities - Dairy Science (Cont.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Luther Henderson		Foreman		12	C 3948	4188	
Doris B. McNeely		Secretary		12	C 1608 S 1608 3216	1716 1716 3432	

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Entomology and Zoology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
J. H. Cochran	PhD	Head of Department Prof Ent & Zool State Entomologist		12	C 5040 S 6168 11,208	5400 6600 12,000	
J. K. Reed	PhD	Prof Ent and Zool Entomologist		12	C 6036 S 3852 9888	6036 4752 10,788	
G. W. Anderson	DVM MS	Assoc Prof Zoology & Vet Medicine		9	C 7608	8004	
E. W. King, Jr.	PhD	Assoc Prof Ent & Zool Assoc Entomologist		12	C 4140 S 4668 8808	4464 5040 9504	
R. E. Ware	BS	Assoc Prof Ent & Zool		9	C 8100	8400	
L. G. Webb	PhD	Assoc Prof Zoology		12	C 2136	2256*	
T. R. Adkins	PhD	Assoc Prof Ent & Zool Assoc Entomologist		12	C 2724 S 6072 8796	3468 6180 9648	
J. A. Buxton	PhD	Asst Prof Ent & Zool Asst Entomologist		12	C 3756 S 3744 7500	3720 4728 8448	

* Partial pay - Remainder from South Carolina Wildlife Resources Dept.

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The Clemson Agricultural College

Collegiate Activities - Entomology and Zoology (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
R. C. Fox	PhD	Asst Prof Ent & Zool Asst Entomologist	Assoc Prof Ent & Zool Assoc Entomologist	12	C 3528 CP 2856 S 2016 8400	3672 3180 2556 9408	
A. S. Tombes	PhD	Asst Prof Ent & Zool Asst Entomologist		12	C 1632 S 5772 7404	2280 5868 8148	
W. H. Purser	MS	Instructor Ent Asst Entomologist		12	C 792 CP 4812 5604	816 5040 5856	
N. Anderson	BS	Grad Teaching Asst		5	C 875	--	Resigned 1-31-62
S. S. Heimlich	BS	Grad Teaching Asst		10	C 1750	2000	
J. R. Vaughn	BS	Grad Teaching Asst		10	C 2335	1900	Reduced teaching load
Vacant Position	BS	Grad Teaching Asst		10	C 1750	2000	
Vacant Position	BS	Grad Teaching Asst		10	C --	1900	To succeed Neil Anderson
Judith Mayer		Secretary		12	C 1320 S 1320 2640	1416 1404 2820	

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The Clemson Agricultural College

Collegiate Activities - Food Technology and Human Nutrition

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
J. H. Mitchell	PhD	Head of Department Prof Food Tech Food Technologist		12	C 2100 S 8400 10,500	2196 8808 11,004	
A. L. Shewfelt	PhD	Assoc Prof Food Tech Assoc Food Tech		12	C 1560 S 7632 9192	1644 8016 9660	
Gail Taylor		Secretary		12	C 264 S 2376 2640	288 2532 2820	

Form B-3
(May 1960)

The Clemson Agricultural College

Collegiate Activities - Forestry

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
K. Lehotsky	PhD	Head of Department Prof For and Forester		12	C 5208 GLT 1140 S 4056 10,404	5760 1284 4464 11,508	
M. H. Bruner	MF	Assoc Prof For Forester		12	C 3048 GLT 5664 8712	3156 5856 9012	
B. M. Cool	PhD	Assoc Prof For Assoc Forester		12	C 8172 S 1332 9504	9012 1464 10,476	
W.H.D. McGregor	PhD	Assoc Prof For Assoc Forester		12	C 3132 AEC 5568 8700	3444 6132 9576	
W. C. Randel	MS	Assoc Prof For Assoc Forester		12	C 6960 S 1740 8700	7452 1860 9312	
R. D. Shipman	PhD	Assoc Prof For Assoc Forester		12	C 3492 S 5700 9192	3840 6276 10,116	
J. R. Warner	PhD	Assoc Prof For Assoc Forester		12	C 5088 S 4176 9264	5604 4596 10,200	

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The Clemson Agricultural College

Collegiate Activities - Forestry (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
C. L. Lane	MS	Asst Prof For Asst Forester		12	C 7404 S 564 7968	7836 588 8424	
W. A. Shain	MS	Asst Prof For Asst Forester		12	C 6408 S 1800 8208	6732 1896 8628	
Dorothy L. Ware		Secretary		12	C 1476 S 732 GLT 744 2952	1584 780 804 3168	

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The Clemson Agricultural College

Collegiate Activities - Horticulture

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
T. L. Senn	PhD	Head of Department Prof Hort and Hort		12	C 4200 S 6300 10,500	4560 6840 11,400	
L. O. Van Blaricom	MS ChE	Prof Hort Horticulturist		12	C 2628 S 6780 9408	3108 6900 10,008	
W. L. Ogle	PhD	Assoc Prof Hort Assoc Horticulturist		12	C 3420 S 6096 9516	3324 6756 10,080	
H. J. Sefick	MS	Assoc Prof Hort Assoc Horticulturist		12	C 1548 S 6576 8124	1596 6828 8424	
F. W. Thode	MS	Assoc Prof Hort		9	C 8124	8724	
J. P. Fulmer	MS	Asst Prof Hort Asst Horticulturist		12	C 1968 S 5064 7032	2052 5280 7332	
E. T. Sims, Jr.	PhD	Asst Horticulturist	Asst Prof Hort Asst Horticulturist	12	C -- S 7800 7800	2808 4992 7800	
B. J. Skelton	MS	Research Asst	Instructor Hort Research Asst	12	C -- S 5796 5796	2712 3444 6156	

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The Clemson Agricultural College

Collegiate Activities - Horticulture (Cont)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Vance D. George		Foreman		12	C 3216	3384	
Jimmie D. Wilkinson		Secretary		12	C 1488 S 1488 2976	1584 1584 3168	

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The Clemson Agricultural College

Collegiate Activities - Poultry Science

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
B. D. Barnett	PhD	Head of Department Prof Poultry Husb and Poultryman	Head of Department Prof Poultry Science and Poultry Scientist	12	C 4008 S 6000 10,008	3336 7788 11,124	
M. A. Boone	MS	Assoc Prof Poultry Husb Assoc Poultryman	Assoc Poultry Scientist	12	C 2376 S 6108 8484	-- --	Transferred to full time Station
J. B. Cooper	MS	Assoc Prof Poultry Husb Assoc Poultryman	Assoc Prof Poultry Sci Assoc Poultry Scientist	12	C 3540 S 4884 8424	3720 5148 8868	
J. F. Stephens	PhD	Asst Poultryman	Asst Prof Poultry Sci Asst Poultry Scientist	12	C -- S 7008 7008	3108 4296 7404	
D. E. Turk	PhD	Asst Poultryman	Asst Prof Poultry Sci Asst Poultry Scientist	12	C -- S 7500 7500	1116 6888 8004	
J. H. Henderson		Foreman		12	C 3180	3468	
Lucille Leitzsey		Secretary		12	C 1320 S 1320 2640	1416 1404 2820	

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The Clemson Agricultural College

Collegiate Activities - Administration

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
M. D. Farrar	PhD	Dean of Agriculture Prof Ent & Zool	Senior Scientist Prof Ent & Zool	12	C 3000 S 3000 E 3000 LP 1560 F 1440 12,000	3996 8004 -- -- -- 12,000	
W. H. Wiley	PhD		Dean of Agriculture Prof Poultry Science	12	C -- S -- E -- LP -- F --	3240 4008 4008 2004 1740 15,000	
J. W. Jones	PhD	Director of Agr Teaching Prof Agronomy		12	C 11,208	11,808	
J. S. Goodman		Maintenance Foreman		12	C 1008 S 2556 E 1476 5040	1080 2688 1620 5388	
Grace M. Laitala		Secretary		12	C 2880	3084	
Mary Hunter		Clerk		12	C 984 S 1908 F -- LP -- 2892	780 1704 300 300 3084	

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The Clemson Agricultural College

Collegiate Activities - Administration

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Billie Vandiver		Secretary		12	C 936	984	
					S 936	984	
					E 864	912	
					LP 504	540	
					F 504	540	
					3744	3960	

AEC Atomic Energy Commission
C College
CP Crop Pest
E Extension Service
F Fertilizer Inspection and Analysis
GLT Government Land Timber
LP Livestock-Poultry Health Dept.
S Experiment Station
SD State Department of Education

The Clemson Agricultural College

School of Architecture

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Harlan E. McClure	M.AR	Dean, Sch. of Arch.		12	12,000	13,008	
John T. Acorn	M.F.A	Asst. Professor		9	5,508	6,000	
Harold N. Cooledge	M.A.	Assoc. Professor		9	7,548	8,304	
Kirk R. Craig	B.Ar.	Instructor	Lecturer, Part-time	9	2,064	2,196	
W. Lawrence Garvin	M.Ar	Assoc. Professor		9	7,104	7,596	
Elbridge S. Gordon	M.F.A.	Asst. Professor		9	6,144	6,444	
Emery A. Gunnin	B.S.+	Professor		9	9,072	9,816	
Robert H. Hunter	M.F.A.	Asst. Professor	Assoc. Professor	9	7,056	7,800	
William G. McMinn	M.Ar.	Asst. Professor		9	6,624	7,224	
George C. Means	M.Ar.	Professor		9	8,904	9,204	
John E. Pinckney	M.L.A.	Asst. Professor		9	6,000	6,420	
Ireland Regnier	M.F.A.	Asst. Professor		9	6,648	6,768	
William A. Speer	M.Ar.	Assoc. Professor		9	8,556	8,556	Resigned 8/31/62
Horace H. Williamson	B.Ar.	Asst. Professor		9	6,648	7,008	
Joseph L. Young	M.Ar.	Assoc. Professor		9	7,548	8,004	
Hattie B. Wagener		Secretary II		12	2,928	3,132	LWOP
Betty K. King		Stenographer I		12	2,520	2,796	Transferred from Wages
New Positions							
		Asst. Prof., Half-Time		9	00	4,008	
		Technician		12	00	3,204	

The Clemson Agricultural College

School of Arts and Sciences 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Chemistry & Geology Department							
F. I. Brownley, Jr.	Ph.D.	Prof. and Head Dept.		9	11,208.	1,992.P	Pay thru 8/31/62
						(9,960.)L	
						(11,952.)	
				12		11,620.P	Change to 12 mos. eff. 9/1/62
						(2,324.)L	
						(13,944.)	
P. Carodemos	Ph.D.	Professor		9	8,208.	8,808.	
J. G. Dinwiddie, Jr.	Ph.D.	Professor		9	7,704.	8,304.	
			ND	9	(1,296.)	(1,296.)	
					(9,000.)	(9,600.)	
J. H. Hobson	Ph.D.	Professor		9	10,200.	11,004.	
H. T. Polk	Ph.D.	Professor		9	8,004.	8,508.	
C. Q. Brown	Ph.D.	Associate Professor		9	7,848.	8,556.	
J. W. Huffman	Ph.D.	Assistant Professor	Associate Professor	9	6,600.	7,704.	
			ND		(1,404.)	(1,404.)	
					(8,004.)	(9,108.)	
C. B. Bishop	Ph.D.+	Assistant Professor		9	7,404.	7,908.	
M. B. Bishop (Mrs.)	Ph.D.+	Assistant Professor		9	5,208.	5,712.	
			ND		(696.)	(696.)	
					(5,904.)	6,408.)	
C. J. Cazeau	Ph.D.	Assistant Professor		9	6,300.	6,900.	
J. C. Fanning	Ph.D.+	Assistant Professor		9	6,204.	7,212.	
B. H. Hodges	B.S.+	Assistant Professor		9	5,604.	6,000.	
K. S. Landers	M.S.+	Assistant Professor		9	6,300.	6,708.	
F. J. Lindstrom	Ph.D.	Assistant Professor		9	6,600.	7,308.	
			ND		1,104.)	(1,104.)	
					(7,704.)	(8,412.)	
N. P. Marullo	Ph.D.+	Assistant Professor		9	7,800.	8,388.	
J. R. Salley	M.S.	Assistant Professor		9	6,708.	7,104.	
H. G. Spencer	Ph.D.	Assistant Professor		9	6,504.	7,212.	
			ND		(1,404.)	(1,404.)	
					(7,908.)	(8,616.)	
W. W. Tingle	M.S.	Assistant Professor		9	6,000.	6,000.	

The Clemson Agricultural College

School of Arts & Sciences - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Chem. & Geol. Dept.							
Vacancy	Ph.D.	2 Instructors	Associate Professor	9	9,108.	9,108.	Combining 2 positions into 1.
(O. L. Hunt)	M.S.+	Graduate Assistant	Principal Grad. Asst.	9	925.	3,000.	Appt. effective 9/1/62
Vacancy			Paint & Research	10	(2,000.)		
					(2,925.)		
(21)	B.S.	(20) Grad. Assts.		10	34,750.	39,100.	
English and Modern Languages Department							
H. M. Cox	Ph.D.	Prof. & Head Dept.		9	10,608.	1,838.P	Pay thru 8/31/62
						(9,190.)L	
						(11,028.)	
				12		10,720.P	Change to 12 mos. Effective 9/1/62
						(2,144.)L	
						(12,864.)	
C. B. Green	Ph.D.	Professor and		9	4,764.	5,004.	
		Dir. of S.S. & Ext. Prog.	S.S.	12	(6,384.)	(6,648.)	
					(11,148.)	(11,652.)	
J. C. Green	Ph.D.	Professor		9	7,620.	8,220.	
M. A. Owings	Ph.D.	Professor and		9	9,000.	9,888.	
		College Marshal	DC			(120.)	
						(10,008.)	
C. O. Caskey	A.M.+	Associate Professor		9	6,804.	7,500.	
J. A. Dean	M.A.+	Associate Professor		9	7,008.	7,608.	
H. M. Felder, Jr.	M.A.+	Associate Professor		9	6,852.	7,164.	
H. R. Holman(Miss)	Ph.D.	Assistant Professor	Associate Professor	9	6,300.	7,140.	
A. H. Holt	Ph.D.	Associate Professor		9	7,500.	7,812.	
C. M. McGee, Jr.	A.M.	Associate Professor		9	7,128.	7,728.	
C. H. Watson	A.M.+	Associate Professor		9	7,008.	7,416.	
M. B. Wilson, Jr.	M.A.+	Associate Professor		9	7,248.	7,668.	
J. P. Winter	M.A.+	Associate Professor		9	6,804.	7,404.	

The Clemson Agricultural College

School of Arts and Sciences - 1962-23

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Engl. & Mod. Lang. Cont'd							
R. J. Calhoun	Ph.D.	Assistant Professor		9	6,000.	6,744.	
J. N. Conis	M.A.++	Assistant Professor		9	6,000.	6,840.	
F. L. Day	M.A.+	Assistant Professor		9	5,304.	5,808.	
L. C. Longshore, Jr.	M.A.+	Assistant Professor		9	5,304.	5,304.	
H. Maierhofer	Ph.D.	Visiting Asst. Prof.		9	5,004.	____	Res. eff. 5/31/62
M. S. Steadman, Jr.	M.A.+	Assistant Professor		9	5,652.	6,204.	
J. B. Stern	M.A.+	Assistant Professor		9	5,304.	5,700.	
(C. Gum)	Ph.D.	(Professor)	Assistant Professor	9	8,004.	5,670. P	Appt. eff. 9/1/62 vice Bair
Vacancy						(1,134.) L	
						(6,804.)	
O. W. Arrington(Mrs)	M.Ed.	Instructor		9	4,356.	4,596.	
J. Bakker	M.A.	Instructor		9	4,800.	800. P	Res. eff. 8/31/62
						(4,000.) L	
						(4,800.)	
(H. B. Bryant)	M.A.	Instructor		9	(4,800.)	4,250. P	Appt. eff. 9/1/62
Vacancy						(850.) L	vice Bakker
						(5,100.)	
J. S. Dees	M.A.	Instructor		9	4,800.	5,400.	
C. H. Edwards, Jr.	M.A.+	Instructor		9	5,208.	5,508.	
T. J. Gasque	M.A.	Instructor		9	4,608.	768. P	Res. eff. 8/31/62
						(3,840.) L	
						(4,608.)	
(D. V. Griffin)	M.A.	Instructor		9	(4,608.)	4,250. P	Appt. eff. 9/1/62
Vacancy						(850.) L	vice Gasque
						(5,100.)	
L. L. Henry	M.A.+	Instructor		9	5,100.	1,836. P	Leave eff. 9/1/62
					____	(3,672.) L	
					(5,100.)	(5,508.)	
G. Hall	M.A.+	Instructor		9	(5,100.)	4,340. P	Appt. eff.9/1/62 vice Henry
Vacancy						(868.) L	
						(5,208.)	

The Clemson Agricultural College

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Engl. & Mod. Lang. Dept. , Cont'd							
E. Hollahan	M.A.	Instructor		9	4,800.	800.P (4,000.)I (4,800.)	Res. eff. 8/31/62
(S. Y. Laws(Mrs.)) Vacancy	M.A.	Instructor		9	(4,800.)	3,820.P (788.)I (4,608.)	Appt. eff. 9/1/62 vice Hollahan
B. S. Howard	M.A.	Instructor		9	5,208.	864.P (4,344.)I (5,208.)	Res. eff. 8/31/62
(C. M. Drake) Vacancy	M.A.	Instructor		9		4,344.P (864.)I (5,208.)	Appt. eff. 9/1/62 vice Howard
D. H. Kinderman	A.B.++	Instructor		9	4,500.	5,808.	
D. A. Lacy, III	Ph.D.	Instructor		9	5,004.	834.P (4,170.)I (5,004.)	Res. eff. 8/31/62
(A. W. Bloom)	M. A.	Instructor		9	(5,004.)	4,250.P (850.)I (5,100.)	Appt. eff 9/1/62 vice Lacy
R. F. Mixon	M.A.	Instructor		9	4,704.	5,400.	
R. H. Peake	M.A.+	Instructor		9	(5,100.)	(5,400.)	Leave ext. to 8/31/63
J. B. Simms	M.A.+	Instructor		9	5,004.	904.P (4,520.)I (5,424.)	Leave eff. 9/1/62
Vacancy	M.A.	Instructor		9	(5,004.)	5,508.	Appt. eff. 9/1/62 vice Simms
W. L. Van Hettinga	M.A.+	Instructor		9	4,800.	800.P (4,000.)I (4,800.)	Res. eff. 8/31/62
(M. L. Tucker) Vacancy	M.A.	Instructor		9		4,170.P (834.)I (5,004.)	Appt. eff. 9/1/62 vice Van Hettinga

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NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Engl. & Mod. Lang. Dept., cont'd							
J. D. Whitman	M.A.	Instructor		9	5,100.	918.P (4,590.)L (5,508.)	Lv. eff. 9/1/62
Vacancy	M.A.	Instructor		9	(5,100.)	4,590.) (918.) (5,508.)	App. eff. 9/1/62 vice Whitman
E. P. Willey	M.A.+	Instructor		9	5,100.	5,508.	
T. C. Witherspoon	B.A.+	Instructor		9	4,956.	5,064.	
(H. L. Laws)	M.A.	(Visiting Asst. Prof.)	Instructor	9	5,004.	4,344P (864.)L (5,208.)	Appt. eff. 9/1/62 vice Maierhofer
Vacancy		Instructor		9	3,600.	4,168.P (836.)L (5,004.)	Appt. eff. 9/1/62 vice Capel
New Positions							
(B. F. Johnson (Mrs.)			Princ. Grad. Asst.	10		2,700.	Eff. 9/1/62 vice C. B. Green, Part T.
Mathematics Department							
D. C. Sheldon	Ph.D.	Prof. & Head of Dept.		9	10,704.	1,850.P (9,250.)L (11,100.)	Pay thru 8/31/62
				12		10,790.P (2,158.)L 12,948.)	Change to 12 mos. eff. 9/1/62
A. T. Hind, Jr.	Ph.D.	Professor		9	9,804.	10,404.	
W. G. Miller	Ph.D.	Professor		9	9,804.	10,404.	
M. C. Bell	M.A.+	Associate Professor		9	7,476.	7,884.	
J. W. Brown	M.A.	Associate Professor		9	6,180.	6,420.	
E. C. Coker	M.A.+	Associate Professor		9	8,160.	8,880.	
J. C. Harden, Jr.	M.A.+	Associate Professor		9	7,356.	7,836.	

The Clemson Agricultural College

School of Arts and Sciences - 1962-63

NAME Mathematics Dept., cont'd (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
C. E. Kirkwood, Jr.	M.S.	Associate Professor		9	7,104.	7,464.	
J. W. LaGrone	M.A.+	Associate Professor		9	7,860.	8,520.	
M. C. Palmer	M.A.+	Associate Professor &	A&S	9	3,924.	5,064.	
		Dir. Computer Center	DC	12	(5,760.)	-	
			Sta	12	-	(4,392.)	
			Ext	12	-	(672.)	
					9,684.	(10,128.)	
E. Park	M.A.+	Associate Professor		9	7,860.	8,460.	
L. A. Rife	M.A.+	Associate Professor		9	7,200.	7,800.	
E. L. Stanley	M.S.+	Associate Professor		9	7,008.	7,368.	
C. M. Stuart	M.A.+	Associate Professor		9	6,804.	7,164.	
J. R. Sullivan	M.A.+	Associate Professor		9	6,360.	6,660.	
N. S. Andrews	Ph.D.	Assistant Professor		9	7,200.	1,200.P (6,000.L	Res. eff. 8/31/62
Vacancy	Ph.D.	Assistant Professor		9	(7,200.)	7,090.P (1,418.)L (8,508.)	Appt. eff. 9/1/62 vice Andrews
P. L. Armstrong	M.A.	Assistant Professor		9	6,204.	———	Retire eff. 6/30/62
Vacancy	M.A.	Assistant Professor		9	(6,204.)	6,204.	Appt. eff. 9/1/62 vice Armstrong
S. K. Dunkle (Mrs.)	M.A.+	Assistant Professor		9	5,304.	5,604.	
J. L. Flatt	M.A.+	Assistant Professor		9	6,648	7,116	
S. E. Hardy (Miss)	M.S.+	Instructor	Assistant Professor	9	5,604.	6,324.	
D. A. King	M.S.+	Assistant Professor		9	6,552.	7,200.	
J. F. Schindler	M.S.	Assistant Professor		9	5,808.	6,204.	
F. G. Stritzinger	M.A.T.	Assistant Professor		9	5,304.	5,544.	
J. L. Tilley	Ph.D.	Assistant Professor		9	7,200.	8,508.	
C. P. Derrick	M.A.	Instructor		9	5,004.	———	Retires eff. 6/30/62
(E. V. Bartmess(Mrs.)	M.A.	Instructor		9	(5,004.)	4,200.P (600.)L (4,800.)	Appt. eff. 9/1/62 vice Derrick
Vacancy							
L. G. Fulmer (Mrs.)	A. B.	Instructor		9	5,004.	5,244.	
Vacancy	M.S.+	Assistant Professor		9	5,604.	7,404.	Appt. eff. 9/1/62 vice Hundertmark
Vacancy	M.S.+	Assistant Professor		9	7,200.	7,608.	Appt. eff. 9/1/62
(9) Grad. Assts.	B.S.	(10) Graduate Assts	A&S - 6	10	15,950.	19,400.	

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Physics Department							
L. D. Huff	Ph.D.	Prof. & Head of Dept.		9	11,808.	2,022.	P Pay thru 8/31/62
						(10,110.	L
						(12,132.	
				12		11,790.	P Change to 12 mos.
						(2,358.	L eff. 9/1/62
						(14,148.	
T. J. Lindsey	Ph.D.	Professor		9	8,856.	9,096.	
J. E. Miller	Ph.D.	Professor	Distinguished Professor	9	10,200.	1,836.	P Leave eff. 9/1/62
						(9,168.	L
			A1	9	1,500.	250.	P
						(1,250.	L
						(12,504.	
				9		6,085.	P Appt. eff. 9/1/62
Vacancy						(1,217.	L vice Miller
						(7,302.	
C. A. Reed	Ph.D.	Professor		9	9,996.	10,716	
A. R. Reed	M.S.+	Associate Professor		9	6,204.	6,504.	
H. E. Vogel	Ph.D.	Associate Professor		9	7,500.	8,460.	
K. L. Wood	M.S.	Associate Professor		9	6,000.	6,180.	
M. G. Miller	Ph.D.	Assistant Professor		9	6,804.	7,704.	
M. Shackelford	B.S.	Assistant Professor		9	5,400.	5,700.	
M. J. Skove	Ph.D.	Assistant Professor		9	7,428.	8,328.	
E. P. Stillwell	Ph.D.	Assistant Professor		9	7,428.	8,328.	
(R. L. Chapman, Jr.)	Ph.D.	Assistant Professor		9	7,608.	6,668.	P Appt. eff. 9/1/62
						(1,336.	L vice Pollard
						(8,004.	
Vacancy	Ph.D.	Assistant Professor		9	8,208.	8,208.	Appt. eff. 9/1/62
T. F. Collins	M.S.	Instructor		9	5,304.	5,604.	
J. A. Gilreath	M.S.	Instructor		9	5,148.	5,448.	
(10)	B.S.	(12) Graduate Assts.		9	18,380.	24,400.	

The Clemson Agricultural College

School of Arts and Sciences - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Social Sciences Department							
C. L. Epting	A.M.+	Prof. & Head of Dept.		9	10,200.	1,770.	P Pay thru 8/31/62
						(8,850.)	L
						(10,620.)	
				12		10,320.	P Change to 12 mos. eff.9/1/62
						2,064.	L
						(12,384.)	
C. W. Bolen	Ph.D.	Professor		9	8,208.	8,688.	
F. A. Burtner	Ph.D.	Professor		9	8,100.	8,604.	
R. S. Lambert	Ph.D.	Professor		9	7,704.	8,184.	
E. M. Lander	Ph.D.	Professor		9	8,292.	8,772.	
L. E. Hill	Ph.D.	Associate Professor		9	7,008.	7,656.	
H. F. Landrith	Ed.D.	Associate Professor		9	6,600.	7,200.	
M. S. Ringold (Mrs.)	Ph.D.	Associate Professor		9	6,624.	7,164.	
J. E. Tuttle	M.A.+	Associate Professor		9	6,300.	6,708.	
E. E. Waite, Jr.	M. A.	Associate Professor		9	7,056.	7,464.	
W. C. Whitten	M.A.+	Associate Professor		9	(6,504.)	6,000.	P Return from leave 9/1/62
						(1,200.)	L
						(7,200.)	
V. O. Bardsley (Mrs.)	Ph.D.	Assistant Professor		9	5,208.	5,700.	
S. H. Brown (Miss)	LL.B	Assistant Professor		9	5,208.	5,556.	
(C. H. Carpenter)	M.A.	Assistant Professor		9	4,704.	1,176.	P Res. eff. 9/30/62
						(3,528.)	L
						(4,704.)	
(V. S. Hardie (Mrs.))	Ed.D.	Assistant Professor	Associate Professor and Counseling Psychologist	12	(4,704.)	2,800.	P Appt. eff. 9/1/62 vice Carpenter
Vacancy						(560.)	L
						(3,360.)	
			S.A.	12		(5,040.)	
						(8,400.)	
R. S. Davis (Mrs.)	M.A.+	Instructor	Assistant Professor	9	5,004.	5,556.	
P. K. Hill (Mrs.)	M.A.	Assistant Professor		9	5,208.	5,556.	
J. F. Pearce	M.S.+	Assistant Professor		9	6,000.	6,600.	
B. R. Skelton	M.S.+	Assistant Professor		9	(5,808.	(6,408.)	Continued on leave until 9/1/63
E. A. Thompson	M.A.+	Assistant Professor		9	6,600.	7,008.	
H. J. Wheeler	M.A.+	Assistant Professor		9	6,660.	7,008.	

The Clemson Agricultural College

School of Arts and Sciences - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Social Sciences Dept., cont'd							
S. Baff	M.B.A.	Instructor		9	5,400.	5,748.	
D. F. Baugher	M.A.	Instructor		9	5,208.	5,508.	
T. M. Castles	M.A.+	Instructor		9	5,160.	860. (4,300.) (5,160.)	P Resignation eff. 8/31/62 L
Vacancy	Ph.D.		Assistant Professor	9	(5,160.)	5,687. (517.) (6,204.)	P Appt. eff. 9/1/62 L vice Castles
L. G. Cesaratto	B.S.+	Instructor		9	5,004.	834. (4,170.) (5,004.)	P Resignation eff. 8/31/62 L
(W. C. Capel, Jr.)	M.A.+	(Instructor)	Assistant Professor	9	(5,004.)	5,004. (996.) (6,000.)	P Appt. eff. 9/1/62 L vice Cesaratto
J. W. Davis	M.A.	Instructor		9	(5,304.)	(5,660.)	Leave extended to 9/1/63
C. H. Farnsworth, Jr.	M.A.	Instructor		9	5,208.	5,568.	
R. R. Owens (Mrs.)	M.A.	Instructor		9	4,200.	4,800.	
W. H. Owens, Jr.	A.M.	Instructor		9	4,800.	5,400.	
New Positions							
(C. B. Thompson)	M.S.		Assistant Professor	9		4,590. 918.) (5,508.)	P Appt. eff. 9/1/62 L
	M.A.+		Assistant Professor	9		6,000.	
DEAN'S OFFICE							
H. L. Hunter	Ph.D.+	Dean & Prof. Chem.		12	13,200.	14,640.	
H. H. McGarity	Ph.D.	Professor		9	7,404.	7,884.	
(L. R. Booker)		Itinerant Teacher Trainer	SD	12	(6,856.08)	7,500.	(For information only)

Form B-3
(May 1960)

The Clemson Agricultural College

School of Arts and Sciences - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Non-Academic Employees							
Julia S. Dickerson (Miss)		Secretary to Dean		12	3,636.	3,948.	
Patricia A. Crumpton (Mrs.)		Typist II		12	2,580.	2,760.	
Madlyn O. Langdon (Mrs.)		Secretary II		12	2,640.	2,856.	
Vivian H. Lewis (Mrs.)		Secretary II		12	2,700.	2,880.	
Mary F. Spearman (Mrs.)		Secretary II		12	2,640.	2,820.	
(Ruth A. Watkins (Mrs.)		Secretary II	SD	12	(2,640.)	(2,820.)	For information only
James Martin, Jr.		Stock Room Clerk I		12	2,292.	2,460.	
G. L. Merck		Technician in Physics	Dept.	12	3,576.	3,720.	
J.E. Stewart		Machinist		12	2,640.	3,156.	
New Position							
_____			Secretary II			2,700.	

The Clemson Agricultural College

SCHOOL OF ENGINEERING

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Ceramic Engineering							
G. C. Robinson	BS	Professor and Head		9	11,004	1,904 P (9,520)L 11,424	Pay thru 8/31/62
				12		11,100 P (2,220)L 13,320	Change to 12 mos. eff. 9/1/62
H. H. Wilson	PhD	Associate Professor		9	9,300	9,804	
C. C. Fain	MS	Assistant Professor		9	7,008	7,512	
Vacancy		Associate Professor		9	8,508	8,604	
Graduate Assistants	(1)			10	2,000	2,000	
Chemical & Met. Engr.							
C. E. Littlejohn	PhD	Professor and Head		9	11,208	1,938 P (9,690)L (11,628)	Pay thru 8/31/62
				12		11,300 P (2,260)L (13,560)	Change to 12 mos. eff. 9/1/62
J. T. McCormack	PhD	Professor		9	9,804	10,284	
R. C. Harshman	PhD	Associate Professor		9	9,000	9,600	
G. F. Meenaghan	PhD	Associate Professor		9	9,300	9,804	
F. C. Alley	PhD	Assistant Professor		9	8,004	8,628	
W. D. Baasel	PhD	Assistant Professor		9	6,804	1,134 P (5,670)L (6,804)	Resigning 8/31/62
Vacancy		Assistant Professor		9	6,804	6,500 P (1,300)L (7,800)	Vice Baasel
W. B. Barlage	PhD	Assistant Professor		9	8,004	8,520	
R. B. Thomas	MS	Assistant Professor		9	6,504	6,984	
Graduate Assistants	(4.5)			10	9,000	9,000	

The Clemson Agricultural College

SCHOOL OF ENGINEERING

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Civil Engineering							
J. H. Moore	PhD	Professor and Head		12	C-	10,530 P	C-12,636 Reports
					TRWS	1,400 P	TRWS- 1,680 9/1/62
						11,930 P	T -14,316
					C-	(2,106)L	
					TRWS	(280)L	
I. A. Trively	MS	Professor		9	9,000	9,300	
J. M. Ford	MS	Associate Professor		9	8,700	9,000	
J. C. McCormac	MS	Associate Professor		9	7,800	8,304	
A. J. McCutchen	CE	Associate Professor		9	7,008	7,308	
J. P. Rostron	MS	Associate Professor		9	8,208	8,508	
Graduate Assistants	(2)			10	4,000	4,000	
New Position							
A. R. Abernathy	PhD		Assistant Professor	9		6,000 P	Reports 9/1/62
						(1,200)L	
						(7,200)	
Electrical Engineering							
J. N. Thurston	PhD	Professor and Head		9	11,604	2,004 P	Pay thru 8/31/62
						(10,020)L	
						(12,024)	
				12		11,690 P	Change to 12 mos.
						(2,338)L	eff. 9/1/62
						(14,028)	
Vacancy		Professor		9	10,008	12,000	Vice Adams
W. L. Ball	MEE	Associate Professor		9	8,100	8,460	
H. E. Broyles	MS	Associate Professor		9	6,600	6,900	
C. P. Goodin	MS	Associate Professor		9	7,104	7,404	
R. N. Kersey	MEE	Associate Professor		9	7,500	7,800	
J. T. Long	MS	Associate Professor		9	(8,100)	9,360)	Extend LWOP to 8/31/63
J. C. Martin	PhD	Associate Professor		9	7,800	8,640	
H. V. Poe	MS	Associate Professor		9	8,400	8,760	
W. T. Zink	MS	Associate Professor		9	7,200	7,500	

The Clemson Agricultural College

SCHOOL OF ENGINEERING

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Electrical Engr. Contd.							
J. E. Brittain	MS	Assistant Professor		9	6,804	7,284	
L. T. Fitch	MS	Assistant Professor		9	6,708	7,188	
W. F. Rochester	MS	Assistant Professor		9	7,104	7,404	
Vacancy		Associate Professor	Assistant Professor	9	8,004	8,400	Carried over from '61-62
Vacancy		Visiting Professor	Assistant Professor	9	6,900	8,400	Vice Creager - res. 6/30/62
Graduate Assistants	(2)			10	4,000	4,000	
Engineering Graphics							
D. W. Bradbury	MS	Professor and Head		9	9,804	10,404	
R. A. Banister	MS	Associate Professor		9	7,008	7,296	
A. F. Hammond	MME	Associate Professor		9	7,200	7,488	
L. H. Jameson	MS	Associate Professor		9	6,708	6,991	
C. M. McHugh	BS	Associate Professor		9	8,100	8,388	
Vacancy		Associate Professor		9	5,976	8,508	Carried over from '61-62
C. W. Carter	BS	Assistant Professor		9	6,000	6,252	
W. B. Clement	BS	Instructor		9	4,800	5,004	
E. D. Blakeney	MS	Instructor		9	5,508	918 P (4,590)L (5,508)	Resigning 8/31/62
Vacancy		Instructor		9	(5,508)	4,680 P (936)L (5,616)	Vice Blakeney
M. E. Hilley	BS	Principal Grad. Asst.		9	4,008	4,008	
R. F. Meissner	BS	Principal Grad. Asst.		9	4,308	4,308	
Vacancy		Principal Grad. Asst.		9	4,800	4,800	Vice Campbell
Graduate Assistants	(3)			10	6,000	6,000	
Engineering Mechanics							
R. W. Moorman	PhD	Professor and Head		9	10,800	1,870 P (9,350)L (11,220)	Pay thru 8/31/62
				12		10,910 (2,182)L (13,092)	Change to 12 mos. eff. 9/1/62

The Clemson Agricultural College

SCHOOL OF ENGINEERING

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Engineering Mech. Contd.							
R. F. Nowack	MS	Associate Professor		9	8,004	8,304	
L. K. Dirksen	MS	Assistant Professor		9	6,204	6,612	
C. R. Mitchell	MS	Assistant Professor		9	6,204	6,612	
D. J. Wood	PhD	Assistant Professor		9	7,008	1,168 P (5,840)L (7,008)	Resigning 8/31/62
A. G. Law	PhD		Assistant Professor	9	(7,008)	6,670 P (1,334)L (8,004)	Vice Wood Reports 9/1/62
J. P. Uldrick	MME	Assistant Professor		9	(7,200)	(8,100)	LWOP to 8/31/63
W. E. Castro	MS	Assistant Professor		9	6,000	1,000 P (5,000)L (6,000)	
Vacancy		Assistant Professor	Professor	9	(6,000)	10,000 P (2,000)L (12,000)	Vice Castro
S. C. Gambrell	MS	Assistant Professor		9	6,000	1,000 P (5,000)L (6,000)	LWOP 8/31/62 to 8/31/63
Vacancy		Assistant Professor		9	(6,000)	6,670 P (1,334)L (8,004)	Vice Gambrell
Industrial Engineering							
Everett Laitala	MS	Professor and Head		9	10,800	1,868 P (9,340)L (11,208)	Pay thru 8/31/62
				12		10,900 P (2,180)L (13,080)	Change to 12 mos. eff. 9/1/62
Leland Brock	MS	Professor		9	6,240	6,444	

The Clemson Agricultural College

SCHOOL OF ENGINEERING

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Ind. Engr. Contd.							
D. C. Brock	MS	Associate Professor		9	7,200	7,476	
J. H. Couch	MS	Associate Professor		9	7,800	8,208	
B. E. Dunkle	M S	Associate Professor		9	8,004	8,124	
A. F. Newton	PhD	Associate Professor		9	6,804	7,308	
C. D. Meeks	BS	Assistant Professor		9	6,600	6,720	
H. E. Morgan	MS	Assistant Professor		9	6,600	6,876	
T. P. Reid	BS	Instructor		9	5,244	874 P (4,370)L (5,244)	Resigning 8/31/62
New Position Vacancy			Associate Professor	9		9,504	
Mechanical Engineering							
J. C. Cook, Jr.	PhD	Professor and Head		9	11,604	2,004 P (10,020)L (12,024)	Pay thru 8/31/62
				12		11,690 P (2,338)L (14,028)	Change to 12 mos. eff. 9/1/62
J. L. Edwards	MS	Professor		9	9,300	9,600	
A. D. Lewis	MS	Professor		9	9,600	9,900	
S. M. Watson	MS	Professor		9	9,000	9,300	
A. C. Elrod	PhD	Associate Professor		9	9,300	9,708	
W. G. Hudson	MME	Associate Professor		9	8,700	9,108	
R. L. Perry	MME	Associate Professor		9	7,500	7,800	
W. C. Elrod	MS	Assistant Professor		9	7,008	7,308	
J. K. Johnson	MME	Assistant Professor		9	7,008	7,308	
T. T. Yang	PhD	Instructor	Assistant Professor	9	5,508	6,590 P (1,318)L (7,908)	Reports 9/1/62
Vacancy		Professor	Assistant Professor	9	8,400	8,400	Vice Rausch

The Clemson Agricultural College

SCHOOL OF ENGINEERING

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Administration							
L. G. Rich	PhD	Dean and Professor		12	12,600	14,316	
S. G. Nicholas	BS	Director of Engineering Research & Asst. to the Dean		12	11,208	11,604	

Form B-3
(May 1960)

The Clemson Agricultural College

School of Engineering

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Non-Academic							
Nellie McHugh		Secretary to Dean		12	4,044	4,260	
Shirley Lark		Secretary		12	2,640	2,820	
Alice P. Liberty		Secretary		12	2,736	2,940	
Marie Grimes		Secretary		12	3,036	3,252	
Joyce Richardson		Secretary		12	2,520	2,700	Reimbursed by Sou. Bell
Polly Lowry		Secretary		12	2,640	2,820	
Barbara Webb		Secretary		12	2,640	2,820	
Rita Duncan		Stenographer		12	2,520	2,700	
Janice Richardson		Stenographer		12	2,520	2,700	
H. D. Moore		Lab. Tech. Cr.E.)		12	3,924	4,272	
C. E. Alexander		Lab. Tech. (Ch.E.)		12	4,152	4,500	
W. W. Wilson		Lab. Tech. (E.E.)		12	4,344	4,620	
W. F. Chappell		Asst. in Ind. Arts		12	3,564	3,780	
H. G. Gibson		Lab. Tech. (EM & CE)		12	3,660	3,924	
W. E. Crooks		Lab. Tech. (I.E.)		12	3,780	4,008	
F. A. Scott		Lab. Tech. (I.E.)		12	4,200	4,464	
Ralph Hendricks		Shop & Lab. Tech. (IE)		12	5,400	5,700	
J. R. Craft		Asst. in Mach. Shop (IE)		12	3,300	3,432	
Harold Timms		Shop Tech. & Demonstrator (IE)		12	4,608	4,848	
E. A. Andrews		Lab. Tech. (M.E.)		12	4,344	4,620	
C. C. Wilson		Mass Spec. & Inst. Tech. (Ch.E)		12	3,672	3,936	

Form B-5
(May 1960)

The Clemson Agricultural College School of Industrial Management & Textile Science, 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Textile Chemistry							
Joseph Lindsay	MS	Prof.Chem.& Dye.& Dept.Head		9	$ 9,540	$ 9,900	
Martin Chanin	PhD	Prof.Chem.& Dye.		9	7,404	1,234*	
Maurice Goldemberg	MS	Assoc.Tex.Chem.	C	12	3,648	3,768	
			Sirrine		(3,648)	(3,768)	
			T		7,296	7,536	
Porter, John J.	PhD	Asst.Prof.Chem.& Dye.		9	6,504	6,804	
		Graduate Assistants			3,300	3,800	
Textile Management							
T.A. Campbell	MEd	Prof.Tex.& Dept. Head		9	8,592	9,012	
E.A. LaRoche	MS	Assoc.Prof.Tex.		9	7,260	7,560	
J.L. Richardson	MS	Assoc.Prof.Tex.		9	6,924	7,224	
C.V. Wray	MS	Assoc.Prof.Tex.		9	7,260	7,560	
Weaving & Designing							
A.E. McKenna	MS	Prof.Weav.& Des. & Dept.Head		9	9,540	9,900	
E.F. Cartee	MS	Prof.Weav. & Des.		9	8,280	8,400	
J.C. Hubbard	MS	Assoc.Prof.Weav.		9	6,840	7,140	
W.E. Tarrant	MEd	Assoc.Prof.Weav.		9	7,020	7,260	
J.V. Walters	MS	Assoc.Prof.Weav.		9	7,212	7,512	
W.B. Williams	MS	Assoc.Prof.Weav.		9	6,900	7,140	
Yarn Manufacturing							
Gaston Gage	MEd	Prof.Card.& Spin.& Dept.Head & Dean		12	12,000	12,900	
J.H. Marvin**	MS	Asst.Prof.Yarn Mfg.	Assoc.Prof.Yarn Mf	9	6,180	6,720	
D.P. Thomson	MAEd	Assoc.Prof.Yarn Mfg.		9	6,900	7,200	
H.B. Wilson	BS	Asst.Prof.Tex.	C	12	3,624	3,744	
			Sirrine		(3,624)	(3,744)	
			T		7,248	7,488	

* Martin Chanin's resignation effective 8-31-62

** J.H. Marvin - includes $300 for promotion.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Industrial Management							
W. D. Trevillian	PhD	Prof. & Dept. Head		9	10,608	11,268	
C. C. Davis	MS	Assoc. Prof., I.M.		9	7,404	7,788	
W. C. Edel	MS	Asst. Prof., I.M.		9	6,000	6,300	
*C. H. Whitehurst	MS	Asst. Prof., I.M.		9	7,008	7,800	
E. B. Scott	BS	Instr., I.M.		9	4,800	5,208	
S. M. Willis	MS	Assoc. Prof., I.M.		9	7,308	1,218	Resigned eff. 8/31/62
Vacant (9/1/62)		Assoc. Prof.		9	- -	7,788	Willis position to be filled 9/1/62
Graduate Assistants (2)				10	- -	3,800	
Textile Research							
T. D. Efland	MS	Assoc. Prof. & Dept. Head		12	10,128	11,028	
D. R. Gentry	MS	Asst. Tex. Technologist		12	8,088	8,388	
Paul E. Robbins	PhD	Asst. Tex. Chemist & Asst. Prof. Chem.		12	8,388	8,688	
E. S. Olson	MA	Asst. Tex. Chem.	Res	12	(8,448)	(8,748)	
Henry H. Perkins	BS	Research Asst.	Res	12	(5,784)	(6,024)	

*C. H. Whitehurst will receive his Ph.D. in June 1962.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Non-Academic							
Carolyn C. Feeley		Stenographer		12	2,724	3,000	
L. B. King		Mechanic		12	4,200	4,692	
F. J. Leard		Machinist		12	4,380	4,812	
B. L. Lovinggood		Mechanic		12	3,804	4,188	
Mildred Morgan		Stenographer		12	2,640	2,820	
A. N. Whittle		Mechanic		12	3,864	4,248	
Tilla H. Williamon		Secretary		12	3,456	3,804	
Dorothy Houx		Typist-Librarian	Sirrine	12	(2,292)	(2,520)	
G. N. Aiken		Research Tech.	Res	12	(3,576)	(3,924)	
M. M. Burns		Research Tech.	Res	12	(3,816)	(4,200)	
Mary C. Dunsmoor		Research Tech.	Res	12	(2,640)	(2,820)	
Kay K. Webber		Laboratory Asst.	Res	12	(2,640)	(2,820)	
C. W. Lyle		Carding & Spin. Tech.	Res	12	(4,008)	(4,284)	
		Research Tech.	Res	12	(2,640)	(2,820)	
E. D. Herron		Fiber Processing Tech.	Res	12	(3,408)	(3,648)	
Ralph L. King		Loom Fixer	Res	12	(3,408)	(3,744)	
W. H. Atkinson		Loom Fixer	Res	12	(3,408)	(3,744)	
Jerry A. Crenshaw		Utility Operator	Res	12	(3,408)	(3,744)	
June Trotman		Stenographer		12	2,640	2,820	

The Clemson Agricultural College

Library

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Sidelle B. Ellis	BS in LS	Asst. Cir. Lib.		12	4,404	4,524	
John Goodman	AB in LS	Head, Sci. Tech. & Ag. Div.		12	7,500	8,100	
Lois J. Goodman	BS	Cataloger, Part-time		12	3,888	4,188	
J.W.G. Gourlay	AMLS	Director		12	9,804	10,404	
Mary Ann Hill	BS	Cataloger		12	4,404	4,704	
Agnes A. Mansfield	MLS	Documents Lib.		12	5,628	5,844	
Violet I. Menoher	MS	Head, Soc. Sci. & Hum. Div.		12	7,008	7,764	
Margy H. Nowack	AB	Acquisitions Lib, Part-time		12	4,152	4,548	
Elizabeth G. Obear	MS	Ref. Lib. Sci. Tech. & Ag. Div.		12	6,204	6,204	
Muriel G. Rutledge	BS	Serials Lib., Part-time		12	4,200	4,548	
Mary C. Stevenson	AB	Head Cataloger	Head, Catalog Dp.	12	7,008	7,764	
Ethel R. Callas		Serials Lib. Asst.		12	2,292	2,460	
Peggy H. Cook		Sr. Lib. Asst. Cat. Dept.		12	2,664	2,820	
Betty M. Crandall		Catalog Lib. Asst.		12	2,292	2,568	
Mary Ann W. Glass		Sr. Lib. Circ. Asst.		12	2,400	2,580	
Pauline K. Holden		Head Catalog Lib. Asst.		12	3,180	3,432	
Virginia L. Miller		Secretary-Bookkeeper		12	2,640	2,856	
Shelba C. Pruett		Senior Order Lib. Asst.		12	2,400	2,580	
Angie Jem Rimmer		Head Lib. Asst. Cir. Desk		12	2,772	2,964	
Louise O. Sanders		Lib. Asst. Cir. Desk		12	2,292	2,460	Transferred from Wages
Marjorie B. Schirmer		Head Lib. Asst. Ag. Ref. Dept.		12	2,772	2,964	
Ina Patton Tingle		Head Lib. Asst. Serials Dept.		12	2,772	3,048	
Maxine C. Trively		Head Lib. Asst., School of Arch.		12	2,772	2,964	
Patricia B. Wiggins		Senior Catalog Lib. Asst.		12	2,400	2,580	
New Position		Sr. Lib. Asst. Serials Dept.		12	00	2,580	

The Clemson Agricultural College

Physical Plant 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Clifton Allison		Nightwatchman			2,988	3,252	
John T. Bates		Filter Plant Opr.			2,892	3,180	
James C. Carey		Supt. of Grounds			6,000	6,504	
Patricia Collins		Typist I			2,292	2,460	
Clifton Cartee		Fire Station Attendant			2,736	3,012	
Ralph S. Collins		Director			9,840	10,800	
Arthur L. Cowan		Foreman, Bldgs.			5,208	5,664	
G. W. Danenhower		Supv., Janitors	C		1,200	1,356	
			Sta		(3,600)	(3,852)	
					(4,800)	(5,208)	
William T. Davis		Supv. Motor Pool			5,004	5,208	
Francis F. Dean		Supt. Planning & Engr.			8,004	8,640	
Dorothy Dill		Typist II			2,520	2,820	
Carolyn Duncan		Typist II			2,520	2,760	
		Supt. of Bldgs.			5,472	7,500	
Horace Gibson		Office Supv.			4,008	4,008	
LuCille Goebel		Secretary			2,808	3,048	
G. Lee Guy		Electrician			4,380	4,764	
Walter E. Harbin		Policeman, Night			2,820	3,072	
J. W. Hunnicutt		Policeman, Day			2,988	3,252	
John R. Jackson		Foreman, Air Cond. & Refg.			5,604	5,904	
Robert R. Lindsay		Foreman, Utilities			5,604	6,024	
J. W. Link		Campus Policeman			3,840	4,296	
G. C. Jones		Supt. of Utilities			8,508	9,204	
Harvey S. Longshore		Asst. Supt. of Engr.			6,408	7,008	
Edmund D. Nealy		Foreman, Grounds			4,008	4,200	
Robert L. Owens		Chief, Filter Plt. Opr.			3,744	4,008	
Warren A. Palmer		Chief, Boiler Plant Opr.			4,236	4,596	
E. W. Richardson		Campus Policeman			3,504	3,942	
Hubert E. Shaw		Boiler Plant Opr.			3,648	3,900	
Stanley Sokolowski		Night Watchman	C		2,052	2,244	
			Sta		(768)	(828)	
					(2,820)	(3,072)	
J. W. Weeden		Chief of Security	Phy. Plt. - 1		5,400	6,240	

The Clemson Agricultural College

Auxiliary Enterprises 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Dining Hall							
A. A. Atkinson		Asst. Food Service Mgr.			5,208	5,580	
O. H. Chastain		Storeroom Clerk			2,772	2,964	
Mary M. Cloaninger		Dietitian			4,500	4,680	
Luther J. Fields		Manager, Food Service			8,508	9,000	
John B. Gentry		Personnel Director			1,104	--	(a)
K. R. Helton		Internal Auditor			732	2,316	(a)
Henry H. Hill		Dir. Aux. Enterprises			2,604	2,604	(b)
C. Wallace Lott		Job Analyst			336	1,440	(a)
Frances Mason		Steno-Clerk			3,228	3,480	
Verner Pilgrim		Head Butcher			3,900	4,080	
Woodrow Simpson		Asst. Food Service Mgr.			5,004	5,520	
A. C. Whitten		Food Line Supv.			3,900	4,080	
Melford A. Wilson		Comptroller			1,200	768	(a)
Dormitories							
Carolyn Edwards		Hostess			2,988	3,108	
Tom Gordon		Electrician			3,528	3,876	
Sam Hanvey		Supv., Central Serv.			408	408	(a)
G. Hamilton Hill		Budget Officer			492	492	(a)
Henry H. Hill		Dir. Aux. Enterprises			2,004	2,004	(b)
C. W. Lott		Job Analyst			--	1,500	(a)
Annette G. MacEwen		Clerk-Typist			2,340	2,460	
Verner L. Mullikin		Barracks Asst.			3,492	3,720	
Henry W. Rimmer		Dormitory Manager			5,004	5,280	
John B. Robinson		Supervisor			4,572	4,896	
Joseph S. Walker		Bursar			2,400	3,732	(a)
Melford A. Wilson		Comptroller			600	1,200	(a)

(a) See Collegiate Budget for total salary.
(b) See Housing Budget for total salary.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)		No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Housing								
Henry H. Hill		Dir. of Aux. Enterprises		DH		(2,604)	(2,604)	
				Dorm		(2,004)	(2,004)	
				Hous		3,732	4,692	
				Ldy		(1,500)	(1,500)	
						(9,840)	(10,800)	
Jessie K. Schildhauer		Secretary III				2,772	3,180	
E. C. Watson		Housing Manager				5,004	5,700	
Melford A. Wilson		Comptroller				600	600	(a)
Laundry								
Truman C. Dunn		Asst. Supt.				4,800	5,004	
John B. Gentry		Personnel Director				876	876	(a)
Henry H. Hill		Dir. Aux. Enterprises				1,500	1,500	(b)
C. Wallace Lott		Job Analyst				324	324	(a)
Thomas R. Rhymes		Supt.				6,300	6,600	
Hazel J. Thomas		Secretary II				2,928	3,144	
Student Health Service								
Judson E. Hair	MD	Director, Student Health Service		SHS		12,000	12,900	
				Ath		--	(480)	
						12,000	(13,380)	
J. C. Barnett	MD	Physician		SHS		10,308	11,004	
				Ath		--	(480)	
						10,308	(11,484)	
Ruth D. Durham	RN	Director of Nurses				3,420	3,660	
Evelyn Littleton		Lab & X-Ray Tech.				3,072	3,384	
Annie R. Evatt	RN	General Duty Nurse				2,820	3,000	
Lois Foster	RN	General Duty Nurse				2,760	3,124	
Jean B. Bailey	RN	General Duty Nurse				2,820	3,000	
		General Duty Nurse				2,700	2,820	
		General Duty Nurse				2,700	2,820	
Martha Ann Duncan		Stenographer II				2,700	2,880	
Luther Hunnicutt		Night Orderly				2,100	2,316	

(a) See Collegiate Budget for total salary. (b) See Housing Budget for total salary.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Athletic Department							
		Stenographer I		12	2,580	2,700	
Robert C. Bradley		Ath. Publicity Director		12	7,008	7,392	
Fred Cone		Asst. Coach		12	6,504	7,008	
H. C. Greenfield		Track Coach		12	6,744	7,008	
Belva C. Henderson		Typist II		12	2,712	2,952	
Fred Hoover		Trainer		12	6,504	7,188	
F. J. Howard		Director of Athletics	Ath	12	9,396	9,996	
			C		(6,504)	(6,504)	
					(15,900)	(16,500)	
Robert M. Jones		Asst. Coach		10	8,004	8,184	
R. P. Jordan		Asst. Coach		12	5,604	6,180	
Leslie C. Longshore, Jr.		Tennis Coach (Part-time)			1,500	1,500	
J. B. McFadden		Asst. Coach		12	8,004	8,184	
Carl McHugh		Swimming Coach (Part-time)			1,500	1,500	
H. C. McLellan, Jr.		Asst. Bus. Mgr. of Athletics		12	7,008	7,392	
Covington McMillan		Asst. Coach		12	6,900	6,900	
Peter P. Maravich		Basketball Coach		12	8,004	8,184	
		Typist II		12	2,520	2,700	
Sara M. Moore		Secretary II		12	2,640	2,880	
Jane L. Mullikin		Secretary II		12	2,640	2,880	
C. C. Roberts, Jr.		Asst. Basketball Coach, Golf Coach,	Ath	12	1,596	2,172	
		& Asst. for Intramural Sports	C		(4,008)	(4,008)	
					(5,604)	(6,180)	
R. W. Smith		Asst. Coach		12	8,004	8,184	
J. D. Wade		Asst. Coach		12	8,004	8,184	
C. F. Waller		Asst. Coach		12	10,008	10,500	
Mary J. West		Typist II		12	2,520	2,700	
Billy H. Wilhelm		Dir. of Intramural Sports	Ath	12	1,500	1,884	
		& Baseball Coach	C		(5,508)	(5,508)	
					(7,008)	(7,392)	
E. P. Willimon		Business Manager of Athletics			9,204	10,008	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Athletic Department - (Continued)							
Tutors					3,500	3,500	
C. W. Haralson		Photographer			--	4,000	(a)
Judson E. Hair		Dir. Stu. Health Service			--	480	(b)
J. C. Barnett		Physician			--	480	(b)
Book Store							
John C. Cureton		Manager		12	7,200	7,500	
Louise M. DuBose		Clerk		12	2,184	2,400	
C. A. Pettigrew		Asst. Manager		12	4,692	5,004	
Ann T. White		Typist I		12	2,292	2,460	
Canteen							
Fred D. Miller		Manager		12	6,000	6,408	
Gladys Miller		Bookkeeper		12	2,292	2,460	
Clemson House							
Samuel W. Bissell, Jr.		Resident Manager		12	8,100	8,904	(c)
Lola Estes		Secretary		12	2,640	2,820	
James C. Freeman		Auditor		12	3,804	4,068	Plus Maintenance
George Keever		Executive Chief		12	7,500	7,500	(c)
Nancy Kirkley		Room Clerk		12	2,820	3,000	(c)
Russie H. Paget		Dietitian		12	4,272	4,404	Plus Maintenance
Cecil Palmer		Night Auditor		12	2,772	2,964	(c)
Gertrude Shepard		Housekeeper		12	2,544	2,820	Plus Maintenance
William Glass		Room Clerk		12	2,640	2,820	(c)
Fred L. Zink, Jr.		General Manager		12	8,196	8,904	Plus Maintenance

(a) See College Budget for full salary.
(b) See Budget, Student Health Service for full salary
(c) Meals while on duty.

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Y. M. C. A.							
J. R. R. Cooper		Gen. Sec., YMCA	C	12	(4,008)	(4,278)	
			Y		4,692	4,962	
					(8,700)	(9,240)	
Archie L. Gilliard		Asst. Projectionist		12	2,196	2,328	
N. N. Gray		Asst. Sec.		12	6,204	6,528	
Bobbie O. Palmer		Secretary II	C	12	(1,464)	(1,554)	
			Y		1,488	1,578	
					(2,952)	(3,132)	
Buford E. Trent		Asst. Sec.		12	5,508	6,000	
Walter Whitten		Projectionist		12	2,940	3,060	

SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION
EXPLANATION OF CODES USED IN EXPERIMENT STATION

AEC	Atomic Energy Commission
ATI	Southeastern Aromatic Tobacco Investigations
C	College - Teaching
CP	Crop Pests and Diseases, Agricultural Research
E	Extension Service
EP	Economic Poison Law - Revolving
F	Fertilizer Inspection and Analysis
FS	South Carolina Foundation Seed Association
GLT	Government Land Timber
LP	Livestock Poultry Health Division
MA	Agricultural Marketing Act, Title II
ND	National Defense Education Act
NIH	National Institutes of Health
R	Reimbursable Contracts
S	Agricultural Research Appropriations, other than special funds
SCI	S. C. Crop Improvement Association
TP	Tea Plant Investigations, Lipton Tea, Inc.
US	USDA Funds, paid direct to individuals
WRF	Wellman Research Foundation
WWF	Williams Waterman Fund

THE CLEMSON AGRICULTURAL COLLEGE

S. C. AGRICULTURAL EXPERIMENT STATION

ESTIMATED INCOME 1962-63

May 25, 1962

Federal-grant funds:		
AMA Title II		$ 13,500.00
Hatch		645,603.00
R. R. F. (Regional Research Fund)		107,860.00
Total Federal-grant funds		$766,963.00
State appropriated funds:		
Agricultural Research, Special funds:		
Crop Pests & Diseases	$61,701.00	
Seed Certification	16,056.00	
Total, Agricultural Research, Special Funds		$ 77,757.00
Agricultural Research, Clemson and Branch Stations		888,306.00
Home Economics Research		20,000.00
Total, State Appropriation, Agricultural Research		$986,063.00
Other Funds:		
Revolving Fund:		
Regular program		$300,000.00
Economic Poison Law		44,530.00
Grants-in-aid, Salaries only		108,024.00
Total, other funds		$452,554.00
Total Estimated Income, S. C. Experiment Station		$2,205,580.00

Form B-3
(May 1960)

The Clemson Agricultural College

S. C. Agr. Exp. Sta. - Administration

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Garrison, O. B.	PhD	Dir Agr Exp Sta & Hort & Prof Hort		12	S 12000	S 13,200	
Farrar, M. D.	PhD	Dean of Agr & Prof Ent & Zool	Senior Sci & Prof Ent & Zool	12	S 3000	S 8004*	
Wiley, W. H.	PhD		Dean of Agr & Prof Poultry Sci	12	- -	S 4008*	
Williams, J. K.	PhD	Dean of College		12	S 1500	S 1680*	
Wilson, M. A.		Comptroller		12	S 1200	S 1500*	
Woodall, C. E.	MS	Adm Asst Agr Exp Sta		12	S 6456	S 7200	
Barnette, M. E.		Acct		12	S 2004	S 4068*	
Candler, M. G.		Clk-Typist	Steno 1	12	S 2292	S 2700	
Childress, W. P.		Shop Mechanic		12	S 3384	S 3576	
Danenhower, G. W.		Supvr of Janitors		12	S 3600	S 3852*	
Gentry, J. B.		Pers Dir		12	S 4800	S 6024*	
Goodman, J. S.		Maint Foreman		12	S 2556 C 1008 E 1476 5040	S 2700 C 1080 E 1608 5388	

* See collegate budget for full salary

Form B-3
(May 1960)

The Clemson Agricultural College

S. C. Agr. Exp. Sta - Administration

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Gravely, V. S.		Tel Oper		12	S 1908	S 2112*	
Hanvey, Sam		Supvr & Mach Oper		12	S 1920	S 1968*	
Helton, K. R.		Internal Aud		12	S 2400	S 2400*	
Hill, G. H.		Budget Aud		12	S 1200	S 1200*	
Hinton, T. N.		Chief Acct		12	S 4596	S 5568*	
Hunter, M. D.		Clerk 111		12	S 1908 C 984 2892	S 1704 C 780 F 300 LP 300 3084	
Jackson, V. A.		Sr Payroll & Voucher Clk		12	S 300	---	
Liberty, E. S.		Dir of Purch		12	S 3168	S 4932*	
Lyles, Elizabeth		Mach Opr		12	S 2100	S 2340*	
Palmer, M. C.		Dir Computer Center		12	-	S 4392*	
Skelton, S. M.		Secy		12	-	S 1404*	
Sokoloski, S. E.		Night Watchman		12	S 768	S 828*	
Vandiver, B. N.		Secy		12	S 936	S 984*	

* See collegate budget for full salary

The Clemson Agricultural College

S. C. Agr. Exp. Sta. - Administration

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Weeden, F. C.		Secy		12	S 2880	S 3084	
Wallace, L. C.		Messenger		12	S 1908	S 2112*	
		Meth & Proc Supvr		12	S 600	S 756*	
		Secy		12	S 2640	S 2820	
Rice, E. M.		Audit Clerk		12	---	S 1728*	

* See collegate budget for full salary

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station - Agricultural Economics

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Aull, G. H.	PhD	Dept Head Prof Agr Econ & Rur Soc & Agr Econ		12	S 5700 C5700 11400	S 4404 MA 1500 C5904 11808	
Bickley, D. W.	MS	Asst Agr Econ		12	S 5700	S 5820	
Burch, T. A.	MS	Asst Agr Econ		12	S 7308	S 7608	
Crawford, D. E.	MS	Assoc Agr Econ		12	S 7500	S 7800	
Findley, D. S.		Agr Stat		12	S 1794 MA 1794 US 1932 5520	S 1794 MA 1794 US 3012 6600	
Hubbard, J. W.	PhD	Asst Agr Econ		12	S 8400	S 8820	
Malphrus, L. D.	PhD	Assoc Agr Econ		12	S 8220	S 8652	
Miles, J. F.	PhD	Assoc Agr Econ		12	S 8220	S 8652	
North, Ronald	MS	Res Asst		12	S 5700	--	Res. 9-15-61
Parks, W. P.	BS	Agr Stat		12	S 1872 MA 1872 US 1611 5355	S 1872 MA 1872 US 2691 6435	
Pittman, J. F.	MS	Asst Agr Econ		12	S 7500	R 7752	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station - Agricultural Economics

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Spurlock, H. C.	PhD	Assoc Agr Econ & Assoc Prof Agr Econ		12	S 4500 C 4500 9000	S 4800 C 4800 9600	
Steele, H. L.	PhD	Assoc Agr Econ & Assoc Prof Agr Econ		12	S 5748 C 2460 8208	S 6828 C 2280 9108	
Taylor, J. S.	BS	Agr Stat		12	S 1308 MA 792 US 5990 8080	S 1308 MA 792 US 6240 8340	
Thomas, W. H.	MS	Asst Agr Econ		12	S 6660	- -	Res. 3-15-62
von Tungeln, G. R.	MS	Assoc Agr Econ		12	S 7920	S 8208	
Whitworth, C. H.	BSA	Agr Stat		12	S 2208 MA 804 US 6463 9475	S 2208 MA 804 US 6723 9735	
Wynn, N. A.	MS	Asst Agr Econ		12	S 6600	S 6852	
Alsobrooks, M. E.		Stat Clk		12	S 600 MA 600 US 3470 4670	S 600 MA 600 US 3470 4670	
Anderson, Beth	AB	Secy		12	S 1668 C 1668 3336	S 1764 C 1776 3540	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station - Agricultural Economics

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Brewer, D. L.		Clk-Typist		12	S 1224 MA 1224 2448	S 1344 MA 1356 2700	
Fink, B. S.		Agent, Coop USDA		12	S 768 US 3107 3875	S 768 US 3272 4040	
Folk, N. Y.		Clk-Typist		12	S 2784	S 1500 MA 1500 3000	
Johnson, C. D.		Stat-Clk		12	S 1200 US 3310 4510	S 1200 US 3475 4675	
Keisler, E. R.		Clk-Typist		12	S 2520	S 1344 MA 1356 2700	
Lloyd, E. M.		Steno		12	S 1206 MA 1206 2412	S 2592	
Smith, L. B.		Clk-Typist		12	S 2856	S 1536 MA 1524 3060	
Harry, S. K.		Steno		12	S 2520	S 2700	

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The Clemson Agricultural College

Experiment Station - Agricultural Engineering

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Snell, A. W.	MS	Dept Head, Agr Engr & Prof Agr Engr		12	—	S 7440 C3660 11100	Returning from LWOP 1/1/63
Wilson, T. V.	MS	Actng Dept Head Agr Engr & Prof Agr Engr		12	S 5604 C4404 10,008	S 5508 C5508 11,016	Will return to his position of Agr Engr & Prof Agr Engr 1/1/63
Dunkleburg, G. H.	MS	Agr Engr		12	S 9012	S 9408	
Garner, T. H.	Ph D		Asst Agr Engr & Asst Prof Agr Engr	12	-	S 5328 C4176 9504	Replacing H. E. McLeod 7/1/62
McLeod, H. E.	Ph D	Assoc Agr Engr & Assoc Prof Agr Engr		12	S 5580 C4380 9960	-	Res. 6/30/62
Nunnery, S. A.	MS	Asst Agr Engr	Asst Agr Engr & Asst Prof Agr Engr	12	S 6504	S 5292 C1500 6792	
Rogers, Jr., E. B.	MS	Assoc Agr Engr & Assoc Prof Agr Engr		12	S 4176 C 5328 9504	S 4512 C5748 10260	
Vaigneur, H. O.	MS	Asst Agr Engr & Asst Prof Agr Engr	Asst Agr Engr	12	S 6396 C1044 7440	S 8040	

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The Clemson Agricultural College

Experiment Station - Agricultural Engineering

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Webb, B. K.	MS	Asst Agr Engr		12	S 3192 US 2604 5796	S 3360 US 3192 6552	
Kolb, B. C.		Secy		12	S 3228	S 1848 R 1596 3444	
Ramey, Carrol		Steno		12	S 1560 C 1080 2640	S 1656 C1164 2820	
	Ph D	Assoc Agr Engr & Assoc Prof Agr Engr		12	S 4860 C3828 8688	S 6876 C1932 8808	
	Ph D	Assoc Agr Engr & Assoc Prof Agr Engr	Assoc Agr Engr	12	S 4992 C3204 8196	S 8508	

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The Clemson Agricultural College

Experiment Station - Agronomy

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Jones, U. S.	PhD	Dept Head, Agron, & Prof Agron & Soils		12	S 6960 C 4644 11604	S 7320 C 4884 12204	
Bardsley, C. E.	PhD	Assoc. Agron & Assoc Prof Agron		12	S 3036 C 5412 8448	S 3312 C 5880 9192	
Byrd, W. P.	PhD	Assoc Agron & Assoc Prof Agron		12	S 8232 C 924 9156	S 5688 C 4128 9816	
Craddock, G. R.	PhD	Assoc Soil Sc & Assoc Prof Agron		12	S 3792 C 5232 9024	S 1596 R 2508 C 5664 9768	
Eskew, E. B.	MS	Assoc Agron & Assoc Prof Agron		12	S 7044 C 1764 8808	S 7416 C 1860 9276	
Gossett, B. J.	PhD	Asst Agron	Asst Agron & Asst Prof Agron	12	S 7800	S 7020 C 780 7800	
McClain, E. F.	MS	Asst Agron		12	S 8124	S 8424	
Page, N. R.	PhD	Assoc Agron & Assoc Prof Agron		12	S 5736 C 4116 9852	S 6060 C 4392 10452	

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The Clemson Agricultural College

Experiment Station - Agronomy

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Peele, T. C.	PhD	Soil Sc. & Prof Agron & Soils	Soil Sc	12	S 8904 C 1452 10356	S 11004	
Watkins, P. W.	PhD	Asst Agron & Asst Prof Agron		12	S 1908 C 5700 7608	S 2352 C 6036 8388	
Bright, A. L.		Asst in Agron		12	S 2880	S 3072	
Haney, E. L.			Agr Aide II		(S 2640)	S 2640	Transfer from wages 7/1/62
Rogers, V. A.	BS	Agron Asst		12	S 4788	S 5040	
Swaney, J. J.		Agron Supvr		12	S 3072	S 3240	
Teat, J. A.		Secy		12	S 1344 C 1356 2700	S 1440 C 1440 2880	
Mixon, L. B.		Typist II		12	S 2520	S 2700	
Wheeler, Amy		Lab Asst		12	S 2364	- - -	Transferred to wages 6/30/62
Wilborn, C. M.		Steno		12	S 2616	S 2712	

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The Clemson Agricultural College

Experiment Station - Animal Husbandry

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Wheeler, R. F.	Ph D	Dept Head Anim Husb & Prof Anim Husb		12	S 6360 C4248 10608	S 6936 C4632 11568	
Ables, J. R.	MS	Res Asst	Asst Anim Husb	12	S 6012	S 6504	
Edwards, R. L.	Ph D	Asst Anim Husb & Asst Prof Anim Husb		12	S 5064 C3624 8688	S 5388 C3912 9300	
Godley, W. C.	Ph D	Anim Husb & Prof Anim Husb		12	S 8088 C2316 10404	S 6840 C4368 11208	
Handlin, D. L.	MS	Asst Anim Husb & Asst Prof Anim Husb		12	S 4020 C4488 8508	S 4140 C4668 8808	
Kropf, D. H.	Ph D	Asst Anim Husb & Asst Prof Anim Husb		12	S 4596 C4104 8700	-	Res 1/31/62
Moore, S. L.	DVM	Vet Area Supvr		12	S1884 S 1848 LP 3840 7572	S 2004 S 2004 LP 4008 8016	Paid from Dairy
Ritchie, R. R.	MS	Anim Husb & Prof Anim Husb		12	S 1956 C7848 9804	S 2016 C8088 10104	
Skelley, Jr. G. C.	MS		Asst Anim Husb & Asst Prof Anim Husb	12	-	S 3960 C3540 ~~7500~~	To succeed D, H. Kropf 7/1/62

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The Clemson Agricultural College

Experiment Station - Animal Husbandry

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Wilson, R. L.	MS	Res Asst		12	S 5556	S 5556	
Bell, R. D.	BS		Anim Husb Asst	-	(S4500)	S 4812	Transferred from wages 7/1/62
Lazar, J. S.	BS	Secy		12	S 1536 C1356 2892	S 1644 C1440 3084	
Merck, B. B.		Steno		12	S 2508	S 2700	
Rauton, R. M.	BS	Anim Husb Asst		12	S 4620	S 4884	

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The Clemson Agricultural College

Experiment Station -- Botany

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Epps, W. M.	PhD	Dept. Head, Plant Path & State Path & Prof Bot & Bact		12	S 5904 C 5904 11808	S 4956 ND 1200 C 6144 12300	
Albert, W. B.	PhD	Assoc Plant Physiol		12	S 7380	S 7680	
Alexander, P. M.	PhD	Asst Plant Path		12	S 7776	S 8220	
Armstrong, Joanne K.	PhD		Plant Path	12	___	NSF 5004	Pending approval of NSF Project
Bond, J. H.	MS	Assoc Bact & Assoc Prof Bact	Assoc Prof Bact	9	S 2340 C 6012 8352	___	Transferred to full-time Teaching 7/1/62
Foster, H. H.	PhD	Assoc Plant Path & Assoc Prof Bot	Assoc Plant Path	12	S 7920 C 600 8520	S 8940	
Halpin, J. E.	PhD	Assoc Plant Path	Assoc Plant Path & Assoc Prof Bot	12	S 8688	S 6516 ND 1200 C 1584 9300	
Kingsland, G. C.	PhD	Asst Plant Path & Asst Prof Bot		12	S 6756 C 1092 7848	S 6072 ND 1200 C 1176 8448	

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The Clemson Agricultural College

Experiment Station -- Botany

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Witcher, W. W.	PhD	Assoc For Path & Assoc Prof Bot	Assoc For Path	12	S 2916 C 2268 CP 2916 8100	S 5664 — CP 3180 8844	
Rife, L. C.		Secy		12	S 1320 C 1320 2640	S 1416 C 1404 2820	

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The Clemson Agricultural College

Experiment Station - Chemistry Research

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Webb, H. J.	PhD	Dept Head, Chief Chem & Toxicol		12	S 4896 F 5592 10488	S 5400 F 5592 10992	
Eaddy, D. W.	MS	Res Asst		12	S 5628	S 5976	
Earle, J. E.	BS	Res Asst		12	S 4452	S 4728	
Priester, L. E.	MS	Res Asst		12	S 5940	---	Transferred to Crop Pest Dept 7/1/62

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The Clemson Agricultural College

Experiment Station - Dairy

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Goodale, B. E.	MS	Dept Head, Dairy Husb & Prof Dairy Husb	Dept Head, Dairy Sc & Prof Dairy Sc	12	S 5832 C 4776 10608	S 6168 C 5040 11208	
Brandt, G. W.	PhD	Assoc Dairy Husb	Assoc Dairy Sc	12	S 8544	S 9072	
Brannon, C. C.	BS	Assoc Dairyman & Assoc Prof Dairying	Assoc Dairy Sc & Assoc Prof Dairy Sc	12	S 7308 C 636 7944	S 7536 C 660 8196	
Conley, Cecil	PhD	Asst Dairy Sc		12	S 7368	S 7368	
Henningson, R. W.	PhD	Assoc Dairy Sc & Assoc Prof Dairying	Assoc Dairy Sc & Assoc Prof Dairy Sc	12	S 6240 C 2784 9024	S 6696 C 3012 9708	
Hurst, Victor	PhD	Dairy Husb & Prof Dairying	Dairy Sc & Prof Dairy Sc	12	S 7980 C 2244 10224	S 8700 C 2448 11148	
Janzen, J. J.	PhD	Assoc Dairy Sc & Assoc Prof Dairy Sc		12	S 6672 C 2220 8892	S 7200 C 2400 9600	
Kelly, J. W.	MS	Res Asst		12	S 6180	S 6660	
King, W. A.	PhD	Dairy Husb & Prof Dairying	Dairy Sc & Prof Dairy Sc	12	S 8268 C 2328 10596	S 8076 C 3132 11208	

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The Clemson Agricultural College

Experiment Station - Dairy

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Lazar, Jr., J. T.	PhD	Assoc Dairy Sc & Assoc Prof Dairying	Assoc Dairy Sc & Assoc Prof Dairy Sc	12	S 3216 C 6480 9696	S 3360 C 6840 10200	
Moore, S. L.	DVM	Vet Area Supvr		12	S 1848 S 1884 LP 3840 7572	S 2004 S 2004 LP 4008 8016	Paid from Anim Husb
O'Dell, G. D.	MS	Asst Dairy Husb	Asst Dairy Sc	12	S 7032	S 7392	
Cook, W. C.	BS	Herdsman		12	S 4716	S 5040	
Earle, J. C.		Typist		12	S 2280	S 2460	
Ellison, A. E.		Creamery Foreman		12	S 4248	S 4524	
McNeely, D. B.		Secy		12	S 1608 C 1608 3216	S 1716 C 1716 3432	
Smith, R. J.		Steno		12	S 2520	S 2700	

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The Clemson Agricultural College

Experiment Station - Entomology & Zoology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Cochran, J. H.	PhD	Dept Head, State Ent & Prof Ent & Zool		12	S 6168 C 5040 11208	S 6600 C 5400 12000	
Adkins, T. R.	PhD	Assoc Ent & Assoc Prof Ent & Zool		12	S 6072 C 2724 8796	S 6180 C 3468 9648	
Buxton, J. A.	PhD	Asst Ent & Asst Prof Ent & Zool		12	S 3744 C 3756 7500	S 4728 C 3720 8448	
Fox, R. C.	PhD	Asst Ent & Asst Prof Ent & Zool	Assoc Ent & Assoc Prof Ent & Zool	12	S 2016 C 3528 CP 2856 8400	S 2556 C 3672 CP 3180 9408	
King, Jr., E. W.	PhD	Assoc Ent & Assoc Prof Ent & Zool		12	S 4668 C 4140 8808	S 5040 C 4464 9504	
Reed, J. K.	PhD	Ent & Prof Ent & Zool		12	S 3852 C 6036 9888	S 4752 C 6036 10788	
Tombes, A. S.	PhD	Asst Ent & Asst Prof Ent & Zool		12	S 5772 C 1632 7404	S 5868 C 2280 8148	

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The Clemson Agricultural College

Experiment Station - Entomology & Zoology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Mayer, J. E.		Secy		12	S 1320 C 1320 2640	S 1404 C 1416 2820	
McAlister, F. J.	BA	Ent Asst		12	S 3780	S 3948	
Smith, W. M.		Field Asst		12	S 1608 CP 936 2544	S 1728 CP 996 2724	

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The Clemson Agricultural College

Experiment Station – Farms

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Evans, J. S.	BS	Dept Head		12	S 9324	S 9828	
Patterson, W. C.		Farm Foreman		12	S 3144	S 3300	
Shirley, H. A.		Farm Foreman		12	S 3372	S 3552	
White, B. C.		Secy		12	S 2640	S 2820	

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The Clemson Agricultural College

Experiment Station - Forestry

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Lehotsky, Koloman	PhD	Dept Head, For & Prof For		12	S 4056 C 5208 GLT 1140 10404	S 4464 C 5760 GLT 1284 11508	
Bruner, M. H.	MF	For & Assoc Prof For		12	C 3048 GLT 5664 8712	C 3156 GLT 5856 9012	
Cool, B. M.	PhD	Assoc For & Assoc Prof For		12	S 1332 C 8172 9504	S 1464 C 9012 10476	
Goebel, N. B.	MS	Assoc For		12	GLT 8700	GLT 8952	
Lane, C. L.	MS	Asst For & Asst Prof For		12	S 564 C 7404 7968	S 588 C 7836 8424	
McGregor, W. H. D.	PhD	Assoc For & Assoc Prof For		12	C 3132 AEC 5568 8700	C 3444 AEC 6132 9576	
Randel, W. C.	MS	Assoc For & Assoc Prof For		12	S 1740 C 6960 8700	S 1860 C 7452 9312	
Reamer, L. D.	BS	Asst For		12	GLT 5004	GLT 5256	

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The Clemson Agricultural College

Experiment Station - Forestry

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Shain, W. A.	MS	Asst For & Asst Prof For		12	S 1800 C 6408 8208	S 1896 C 6732 8628	
Shearin, A. T.	BS	Asst For		12	GLT 5580	GLT 5880	
Shipman, R. D.	PhD	Assoc For & Assoc Prof For		12	S 5700 C 3492 9192	S 6276 C 3840 10116	
Warner, J. R.	PhD	Assoc For & Assoc Prof For		12	S 4176 C 5088 9264	S 4596 C 5604 10200	
Collins, C. R.		Foreman		12	GLT 3120	GLT 3276	
Stephens, J. B.			Foreman	12	(GLT 2520)	GLT 2640	Transfer from wages 7/1/62
Ware, D. L.		Secy		12	S 732 C 1476 GLT 744 2952	S 780 C 1584 GLT 804 3168	
_____	Ph D		Asst For	12	____	AEC 8808	New

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The Clemson Agricultural College

Experiment Station - Food Technology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Mitchell, J. H.	Ph D	Dept Head Food Tech & Prof Food Tech		12	S 8400 C2100 10500	S 8808 C2196 11004	
Borgman, R. F.	Ph D	Assoc Nutr		12	S 9204	S 6000 NIH4008 10008	
Hindman, M. S.	MS	Asst Home Econ		12	S 6420	S 6624	
Lease, E. J.	Ph D	Nutr		12	S 6252 WWF 3036 9288	S 8304 WWF 1200 9504	
Shewfelt, A. C.	Ph D	Assoc Food Tech & Assoc Prof Food Tech		12	S 7632 C1560 9192	S 8016 C1644 9660	
Van Deren, J. M.	Ph D	Asst Food Tech & Biochem		12	S 8136	-	Res. 10/31/61
Wheeler, H. O.	Ph D	Asst Nutr		12	S 8136	S 8544	
Anderson, H. S.	BS	Lab Asst		12	WWF 2412	S 444 WWF 2004 2448	
Taylor, Gail		Secy		12	S 2376 C 264 2640	S 2532 C 288 2820	

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The Clemson Agricultural College

Experiment Station - Food Technology

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
	Ph D	Asst Food Tech & Biochem		12		S 8508	Replaces J. M. VanDeren
	Ph D		Assoc Food Tech	12		S 9000	New - Replaces two Res. Assts
		Res. Asst.			S 4356		Delete
		Res Asst			S 5208		Delete

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The Clemson Agricultural College

Experiment Station - Horticulture

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Senn, T. L.	Ph D	Dept Head Hort & Prof Hort		12	S 6300 C4200 10500	S 6840 C4560 11400	
Crawford, J. H.	MS	Res Asst	Asst Hort	12	S 4944 ATI 240 5184	S 5592	
Fulmer, J. P.	MS	Asst Hort & Asst Prof Hort		12	S 5064 C 1968 7032	S 5280 C2052 7332	
Martin, J. A.	BS	Assoc Hort		12	S 8688	S 8892	
Ogle, W. L.	Ph D	Assoc Hort & Assoc Prof Hort		12	S 6096 C3420 9516	S 6756 C3324 10080	
Sefick, H. J.	MS	Assoc Hort & Assoc Prof Hort		12	S 6576 C1548 8124	S 6828 C1596 8424	
Skelton, B. J.	MS	Res Asst	Res Asst & Instr	12	S 5796	S 3444 C2712 6156	

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The Clemson Agricultural College

Experiment Station - Horticulture

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Sims, Jr. E. T.	Ph D	Asst Hort	Asst Hort & Asst Prof Hort	12	S 7800	S 4992 C 2808 7800	
Van Blaricom, L. O.	MS ChE	Hort & Prof Hort		12	S 6780 C2628 9408	S 6900 C3108 10008	
Wilkinson, J. D.		Secy		12	S 1488 C 1488 2976	S 1584 C 1584 3168	

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The Clemson Agricultural College

Experiment Station - Poultry

Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Ph D	Dept Head, Poultryman & Prof Poultry Husb	Dept Head Poultry Sci & Prof Poultry Sci	12	S 6000 C4008 10008	S 7788 C3336 11124	
DVM	Vet & Lab Dir		12	S 4320 LP 5664 9984	S 5292 LP 5292 10584	
Ph D	Assoc Poultryman & Assoc Prof Poultry Husb	Assoc Poultry Sci	12	S 6108 C2376 8484	S 9300	
MS	Assoc Poultryman & Assoc Prof Poultry Husb	Assoc Poultry Sci & Assoc Prof Poultry Sci	12	S 4884 C3540 8424	S 5148 C3720 8868	
MS	Asst Poultryman	Asst Poultry Sci & Asst Prof Poultry Sci	12	S 7008	S 4296 C3108 7404	
Ph D	Asst Poultryman	Asst Poultry Sci & Asst Prof Poultry Sci	12	S 7500	S 5388 NH 1500 C1116 8004	
	Asst Foreman		12	S 3132	S 3288	
	Secy		12	S 1320 C1320 2640	S 1404 C 1416 2820	
BS	Poultry Asst		12	S 5004	S 5352	

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The Clemson Agricultural College

Experiment Station - Agricultural Information

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Copeland, J. B.	MS	Editor, Agr Info Serv		12	S 3480 E 5220 8700	S 3732 E 5580 9312	
_____		Asst. Photog		12	S 1668 E 3336 5004	S 1668 E 3336 5004	
Davis, B. E.	MS	Asst Exp Sta Ed		12	S 5508	S 6156	
Durham, W. H.	MS	Asst Exp Sta Ed	Asst Telev Ed	12	S 3624 E 3624 7248	S 3960 E 3972 7932	
Riley, L. W.		Vis Instr Ed		12	S 2940 E 4416 7356	S 3144 E 4728 7872	
Timmerman, D. A.	MS	Asst Home Econ Ed		12	S 1872 E 2796 4668	S 2016 E 3024 5040	
Ramey, L. A.		Bul Room Supvr		12	S 960 E 1440 2400	S 1032 E 1548 2580	
Woodall, B. N.		Secy		12	S 948 E 1932 2880	S 1236 E 1848 3084	

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The Clemson Agricultural College

Experiment Station -- Seed Certification

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Garrison, R. H.	BS	Dept. Head, Assoc Plant Breeder		12	S 7812 SCI 2496 10308	S 8208 SCI 2592 10800	
Huggins, E. M.	MS	Asst Agron		12	S 5160 SCI 1260 6420	S 5484 SCI 1380 6864	
Shands, E. B.	BS	Asst Agron		12	SCI 4944	SCI 5088	
Hopkins, Louise		Steno		12	FS 2640	FS 2820	
Judy, deLellis		Secy		12	S 2232 SCI 408 2640	S 2364 SCI 456 2820	
_____		Secy		12	SCI 2544	SCI 2820	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station -- Crop Pests & Diseases

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Cochran, J. H.	PhD	State Ent		12	———	———	Paid from Ent
Epps, W. M.	PhD	State Path		12	———	———	Paid from Bot
Fox, R. C.	PhD	Asst Ent & Asst Prof Ent & Zool	Assoc Ent & Assoc Prof Ent & Zool	12	S 2016 C 3528 CP 2856 8400	S 2556 C 3672 CP 3180 9408	Paid from Ent
McCaskill, W. R.	MS	Res Asst		12	CP 5496	CP 6000	
Priester, L. E.	MS	Res Asst		12	S 5940	EP 6300	Transferred from Chem Research
Purser, W. H.	MS	Asst Ent & Instr Ent		12	C 792 CP 4812 5604	C 816 CP 5040 5856	
Senn, Jr., L. H.	MS	Asst State Ent		12	CP 7140	CP 7584	
Weeks, D. C.	MS	Asst Ent		12	CP 6300	CP 6612	
Witcher, W. W.	PhD	Assoc For Path & Assoc Prof Bot	Assoc For Path	12	S 2916 C 2268 CP 2916 8100	S 5664 CP 3180 8844	Paid from Bot
Johnston, M. F.		Secy		12	CP 2952	CP 3252	
Morgan, L. R.	BS	Ent Asst		12	CP 5028	CP 5304	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station -- Crop Pests & Diseases

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Smith, W. M.		Field Asst		12	S 1608 CP 936 2544	S 1728 CP 996 2724	Paid from Ent
_____	MS	Asst Ent		12	EP 6000	EP 6000	
_____	MS		Asst Ent	12	____	CP 5808	New Position

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station -- Coast Station

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Pierce, H. H.	PhD	Supt & Asst Anim Husb		12	S 8100	S 8508	
Bishop, H. M.		Foreman		12	S 3756	S 3972	

Form B-3
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The Clemson Agricultural College

Experiment Station -- Edisto Station

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Cohoon, D. F.	PhD	Assoc Plant Breeder	Supt & Assoc Plant Breeder	12	S 8904	S 10404	Replaces W. B. Rogers 7/1/62
Balk, W. A.	BS	Assoc Ago Engin		12	S 7224	S 7524	
Hamilton, Max C.	PhD	Assoc Hort		12	S 7604	S 8220	
Hughes, M. B.	PhD	Hort		12	S 8904	S 9468	
Musen, H. L.	PhD	Assoc Agron		12	S 8520	S 9264	
Rogers, W. B.	PhD	Supt		12	S 9204	—	Retired 6/30/62
Seigler, W. E.	MS	Asst Agr Engin		12	S 6672	S 7476	
Suman, R. F.	MS	Assoc Agron		12	S 6984	S 7284	
Turnipseed, S. G.	PhD	Asst Ent		12	S 7008	S 7932	
Woods, S. G.	BS	Asst Anim Husb		12	S 6204	S 6504	
Croft, B. H.		Steno		12	S. 3252	S 3468	
Edwards, Jack		Foreman		12	S 3924	S 4164	
Etheredge, J. C.		Field Asst		12	S 4404	S 4692	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station - Pee Dee Station

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Pitner, J. B.	PhD	Supt & Agron		12	S 11,100	S 12000	
Currin, III, R. E.	BS	Asst Agron		12	S 5556	S 5964	
Harrell, D. C.	BS	Assoc Agron		12	S 2460 US 4790 7250	S 2460 US 4790 7250	
Kirk, V. M.	PhD	Assoc Ent	Ent	12	S 9228	S 10,008	
Manwiller, Alfred	PhD	Assoc Plant Breeder		12	S 9228	S 9504	
Drake, T. M.	BS	Ent Asst		12	S 4500	S 4812	
Fore, A. D.	BS	Agron Asst		12	S 4500	S 4812	
Harllee, M. S.		Steno		12	S 3192	S 3408	
Harrell, F. M.		Agron Supvr		12	S 5484	S 5880	
Smith, C. B.		Foreman		12	S 4524	S 4824	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station - Sandhill Station

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Rhodes, W. H.	BS	Supt		12	S 8988	S 9396	
Gambrell, Jr., C. E.	MS	Asst Hort		12	S 6180	S 6564	
Suber, Jr. R. D.	BS	Res Asst		12	S 4764	S 5064	
Furtick, F. W.		Foreman		12	S 4344	S 4620	
Motley, O. L.		Field Asst		12	S 3948	S 4068	
Rose, R. M.		Clk- Typist		12	S 1728 LP 1716 3444	S 1848 LP 1836 3684	

Form B-3
(May 1960)

The Clemson Agricultural College

Experiment Station -- Truck Station

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Barnes, W. C.	PhD	Supt		12	S 9828	S 10320	
McCarter, Jr., M. W.	MS	Asst Plant Path		12	TP 6684	TP 7308	
Sitterly, W. R.	PhD	Asst Plant Path	Assoc Plant Path	12	S 8040	S 8808	
Buckner, G. L.		Hort Asst		12	S 4716	S 4992	
Shuler, S. E.		Foreman		12	S 4596	S 4836	

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The Clemson Agricultural College

Experiment Station -- Wellman Division

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Mudge, C. H.	BS	Supt & Res Fellow		12	WRF 7116	WRF 7500	

EXTENSION SERVICE

Summary of Income -- 1962-63

Sources:		
(Appropriations)		
1. Federal Smith-Lever Act Amended Fund		$1,557,489.00
2. State Fund		1,175,000.00
	Total	$2,732,489.00
(Special Funds)		
3. County Fund		169,069.95
4. Tennessee Valley Authority Fund		8,352.00
5. S. C. Poultry Improvement Association Fund		1,200.00
6. A.M.A. Federal Fund		7,500.00
7. U.S.D.A. Marketing Fund		1,000.00
	Total (1-7)	$2,919,610.95
(Other Funds)		
8. Camps Long, Cooper and Daniels: State Fund		7,200.00
	Total Resources	$2,926,810.95

The Clemson Agricultural College

Extension Service - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Administration					1961-62	1962-63	
Jack K. Williams		Dean of the College			$ 1 500	1 680#	
Melford A. Wilson		Comptroller			1 800 #	1 932 #	
William H. Wiley		Dean of Agriculture			3 000**	4 008 #	
George B. Nutt		Director			12 240	13 200	
Thomas W. Morgan		Associate Director			10 236	11 028	
George H. Bonnette		Administrative Asst.			8 772	9 492	
Roy J. Campbell		Machine Operator			4 500 #	4 500 #	
Sarah R. Dance		Typist				2 460	
John B. Gentry		Personnel Director				2 400 #	
Vivian R. Harrell		IBM Supervisor			3 000 #	3 120 #	
Leonard W. Henderson		Budget Assistant			4 344	4 608	
Trescott N. Hinton		Chief Accountant			3 276 #	3 384 #	
Virginia A. Jackson		Sr. Voucher & Payroll Clk.			2 700 #	2 700 #	
Merrill C. Palmer		Director, Computer Center				672 #	
Milford H. Sutherland		Asst. in Farm & Home Dev.			7 380	7 920	
Specialists, Clerical and Shop Workers							
Luther P. Anderson		Asst. Ext. Agronomist			7 068	7 668	
Nellie H. Anderson		Stenographer AMA			2 856	3 072	
Carl W. Ackerman		Ext. Livestock Spec.			6 720	7 188	
William J. Barker		Ldr. Ext. Forestry Wk.			8 736	9 336	
Rachael C. Bolt		Secretary II			2 640	2 820	
Elizabeth D. Bopp		Secretary III			2 880	3 096	
Hugh A. Bowers		Ext. Truck Crops Spec.			6 372	6 804	
					S(1 668)	(1 668)	
Leon E. Carnes		Asst. Photographer			E 3 336	3 336	
					(5 004)	(5 004)	
Lewis F. Cato		Ext. Livestock Spec.			7 188	7 788	
Cecil D. Clawson		Ext. Asst. Dairy Spec.			6 240	6 720	
Helen P. King		Secretary II			2 640	2 820	
Vacant		Ext. Conservationist			7 560	7 560	

#Part Salary - See Collegiate Roll for Total Salary
** Salary of Prior Employee

The Clemson Agricultural College

Extension Service 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Specialists, Clerical and Shop Workers (Cont'd)					1961-62	1962-63	
Henry Clay, Jr.		Ext. Horticulturist			$ 6 516 S(3 480)	$ 6 516 (3 732)	
Jimmy B. Copeland		Editor, Agric. Infor. Serv.			E 5 220 (8 700)	5 580 (9 312)	
Carl G. Cushman		Leader, Ext. Dairy Work			8 736	9 348	
Anita J. Dillard		Stenographer I			2 520	2 700	
Patricia M. Dorrity		Stenographer I			2 520	2 700	
Augustus L. DuRant		Ldr. Livestock Ext. Work			8 556 S(3 624)	9 144 (3 960)	
William H. Durham		Asst. Ext. Editor	Asst. Television Editor		E 3 624 (7 248)	3 972 (7 932)	
William B. Earle, Jr.		Extension Artist			4 500	4 812	
Roy J. Ferree		Leader, Hort. Ext. Wk.			8 532	9 120	
June C. Garnett		Stenographer (AMA)			3 084	3 288	
William P. Gladden		Asst. Ext. Agric. Engr.			5 292	5 772	
Percy H. Gooding		Ldr., Poultry Ext. Wk.			8 400	8 988	
Jack S. Goodman		Maintenance Foreman			1 476*	1 608*	
Melinda B. Goodson		Secretary I			2 520	2 700	
Lucius C. Hamilton		Ext. Info. Spec.			7 248	7 872	
Clifton W. Hall		Ext. Forester			7 176	7 680	
Frank H. Hedden		Ext. Agric. Engineer			7 152	7 720	
Sarah W. Hodges (PT)		Stenographer			1 776	1 896	
Robert C. Hubbard		Asst. Ext. Editor			7 608	8 064	
Derrelle C. Hutchins		Ext. Mktg. Spec., (AMA)			6 120	6 540	
Clark H. Langford		Ext. Marketing Spec.			6 976	7 456	
Linda B. Lanier		Stenographer II			2 640	2 820	
Jesse M. Lewis		Ext. Tobacco Spec.			8 244	8 844	
Ollie W. Lloyd		Rural Development Spec.			7 800	8 340	
Clarence H. Lomas		Ext. Dairy Specialist			7 404	7 920	
Herman P. Lynn		Ext. Agric. Engineer			7 056	7 608	

*Part Salary - See Experiment Station for Total Salary
(Pt) - Part Time

The Clemson Agricultural College

Extension Service - 1962-62

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Specialists, Clerical and Shop Workers (Cont'd)					1961-62	1962-63	
Martin C. McKenzie		Ldr., Ext. Agric. Eng.	Wk.		8 664	9 276	
Katherine O. McLeskey		Office Assistant			3 300	3 564	
Sam A. Marbut		Ext. Forester			6 804	7 320	
John R. Mattison		Asst. Radio Editor			6 612	7 068	
Anna V. Melton		Stenographer I			2 520	2 724	
William C. Nettles		Ldr., Ext. Ent. & Plt.	Disease Wk.		8 796	9 420	
Ellen M. Pettigrew		Stenographer I			2 796	2 976	
Doris P. Potts		Stenographer I			2 520	2 700	
					S(960)	(1 032)	
Lillie A. Ramey		Acting Bulletin Rm. Supv.			E 1 440	1 548	
					(2 400)	(2 580)	
Calvin B. Reeves		Ext. Dairy Technologist			7 164	7 656	
					S(2 940)	(3 144)	
Lewis W. Riley		Visual Inst. Editor			E 4 416	4 728	
					(7 356)	(7 872)	
Charles F. Risher		Ext. Turkey Specialist			6 552	7 020	
Morgan C. Rochester		Ldr., Agri. Econ, Ext.	Wk.		8 796	9 420	
Hilton V. Rogers		Ext. Agronomist			7 800	8 352	
John T. Rogers		Acting, St. Boys' 4-H Club Agt.			7 560	8 160	
James A. Rowland		Agric. Shop Foreman			4 044	4 368	
Everette W. Siedschlag		Ext. Mkt. Spec. (Mkt. Fac.)			6 492	6 948	
Carolyn M. Simpson		Stenographer I			2 520	2 700	
Fred H. Smith		Ext. Plant Pathologist			6 840	7 320	
Perry M. Smith		Ext. Horticulturist			6 936	7 428	
LeGrand M. Sparks		Ext. Entomologist			6 660	7 116	
Richard D. Steer		Ext. Marketing Spec.			7 344	7 848	
Thomas C. Stewart		Ext. Poultryman			6 840	7 320	
Kemp L. Swiney		Ext. Poultryman			5 376	5 748	
					S(1 872)	(2 016)	
Doris Timmerman		Asst. Home Econ. Editor			E 2 796	3 024	
					(4 668)	(5 040)	
Walter A. Tuten		Ext. Marketing Spec.			6 936	7 416	

The Clemson Agricultural College

Extension Service - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Specialists, Clerical and Shop Workers (Cond't)							
Billie Vandiver		Secretary III			864*	912*	
Barbara H. Wade		Stenographer I			2 520	2 700	
Jayne L. Watson		Typist I			2 292	2 472	
Sybil B. Webb		Stenographer II			2 940	3 132	
Paul S. Williamon		Farm Management Spec.			7 188	7 812	
John B. Williams		State 4-H Club Agent			8 148	8 796	
Sam A. Williams		Cotton Ginning Spec.			7 368	7 872	
John F. Wise		Ext. Livestock Spec.(Mkt)			6 096	6 516	
				S	(948)	(1 236)	
Betty N. Woodall		Secretary III		E	1 932	1 848	
					(2 880)	(3 084)	
Betty C. Yarborough		Stenographer II			2 664	2 868	
Martha M. Yarborough		Secretary II			2 700	2 880	
				SMC	(4 920)	(5 412)	
James E. Youngblood		Chief, Ext. Div. of Mktg.		E	4 920	5 412	
					9 840	10 824	
Vacant		Ldr. Agronomy Ext. Wk.			8 736	8 736	
Vacant		Ext. Poultryman				7 500	New Position
District Agents and Secretaries							
George H. Baker		District Boys' 4-H Club Agt.			6 432	6 936	
Joyce G. Farr		Secretary II			2 736	2 952	
Larry B. Massey		District Agent			9 048	9 768	
Frank M. Kearse		District Agent			8 952	9 660	
David A. Shelley		District Agent			8 688	9 372	
Arty DeBerry		Secretary			3 216	3 432	
Glenda H. Steinmeyer (PT)		Secretary			1 680	1 788	
Vacant		District Boys' 4-H Club Agt.			6 420	6 420	
County Agents							
Elisha C. Abrams		Agent, Marlboro Co.			7 356	7 812	
Lora W. Alford		Agent, Colleton Co.			7 200	7 632	

*Part Salary - See Experiment Station for Total Salary
(PT) - Part Time

The Clemson Agricultural College

Extension Service - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
County Agents (Cond't)							
Robert W. Bailey		Agent, Richland Co.			8 439 64	8 883 64	
Don A. Benton		Agent, Dillon Co.			7 008	7 356	
George W. Bonnette		Agent, McCormick Co.			6 360	6 804	
Mendal A. Bouknight		Agent, Lexington Co.			7 041	7 449	
Thomas O. Bowen		Agent, Sumter Co.			8 596	9 004	
Lloyd H. Bull		Agent, Abbeville Co.			6 780	7 176	
Albert F. Busby		Agent, Newberry Co.			7 476	8 136	
Odil W. Cain		Agent, Calhoun Co.			6 990	7 464	
Fletcher W. Cannon		Agent, Lancaster Co.			7 750	8 158	
John L. Cochran		Agent, Union Co.			7 395 70	7 755 70	
William H. Craven, Jr.		Agent, Saluda Co.			7 680	8 064	
David E. Epps		Agent, Dorchester Co.			6 920	7 328	
James H. Evans		Agent, Aiken Co.			7 180	7 516	
William H. Funchess		Agent, Allendale Co.			7 080	7 524	
Paul M. Garvin		Agent, Greenwood Co.			6 960	7 380	
James W. Gilliam		Agent, Edgefield Co.			7 020	7 344	
Alard D. Grainger		Agent, Clarendon Co.			7 996	8 368	
Wilda J. Gray		Agent, Darlington Co.			8 948	9 308	
John B. Griffith		Agent, Barnwell Co.			6 720	7 284	
Ralph A. Jackson		Agent, Williamsburg Co.			7 500	7 932	
William L. Johnson		Agent, Beaufort Co.			6 960	7 416	
Vernon M. Johnston		Agent, Horry Co.			7 360	7 858	
Joe K. Jones		Agent, Greenville Co.			7 679 64	8 189 64	
James L. King		Agent, Marion Co.			7 536	7 968	
John C. King		Agent, Orangeburg Co.			8 140	8 524	
Thomas B. Lee		Agent, Cherokee Co.			6 540	7 008	
Arthur E. Liebenrood		Agent, Georgetown Co.			6 300	6 780	
George H. Liebenrood		Agent, Bamberg Co.			6 780	7 224	
Virgil F. Linder		Agent, Lee Co.			7 404	7 740	
Carroll J. Livingston		Agent, Charleston Co.			7 830	8 166	
Herman F. Livingston		Agent, Florence Co.			8 004	8 340	
Matthew H. Lynn		Agent, Fairfield Co.			6 630	7 034	
William C. McCarley		Agent, Kershaw Co.			7 356	7 764	
Herbert D. Marett		Agent, Anderson Co.			7 332	7 784 52	

The Clemson Agricultural College

Extension Service 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
County Agents (Cont'd)							
William J. Martin		Agent, Spartanburg Co.			8 256	8 604	
Marion C. Mason		Agent, Berkeley Co.			6 540	7 020	
John D. Miller		Agent, York Co.			7 116	7 530	
Jewel C. Morgan		Agent, Oconee Co.			6 720	7 068	
Marett Outz		Agent, Laurens Co.			7 044	7 500	
Ernest G. Tate, Jr.		Agent, Jasper Co.			6 920	7 304	
Charlie W. Thompson		Agent, Hampton Co.			6 600	7 068	
James C. Willis		Agent, Chesterfield Co.			6 876	7 524	
Jesse R. Wood		Agent, Pickens Co.			6 914	7 298	
David C. Wylie, Jr.		Agent, Chester Co.			7 476	7 881	
Assistant County Agents							
Albert C. Altman		Asst., Marion Co.			5 616	6 012	
Noel C. Anderson		Assoc., Pickens Co.			5 986	6 382	
Marvin B. Banton		Asst., Aiken Co.			4 860	5 160	
Jesse E. Barker		Asst., Anderson Co.			4 800	5 160	
William A. Beasley		Assoc., Aiken Co.			6 080	6 512	
George E. Bell		Asst., Richland Co.			5 727 08	6 120	
Reuben J. Bennett		Assoc., Laurens Co.			5 700	6 108	
John O. Bethea		Assoc., Clarendon Co.			5 972	6 320	
John O. Black		Asst., Spartanburg Co.			4 800	5 136	
Alan D. Boggs		Asst., Fairfield Co.			5 598	6 014	
Raymond L. Boozer		Assoc., Lexington Co.			5 640	6 060	
Thomas J. Bryson		Asst., Greenville Co.			5 657 40	6 118 80	
George D. Butler		Spec. Asst., Greenville Co.			5 160	5 520	
Marion J. Carter		Assoc., Marion Co.			6 000	6 360	
Roger N. Chastain		Asst., Calhoun Co.			5 100	5 460	
Jesse C. DeBruhl		Asst., Greenville Co.			5 539 44	6 087 36	
James O. Donkle		Asst., Newberry Co.			5 400	5 784	
Ray C. Dubose		Asst., Darlington Co.			6 036	6 348	
Warren H. Eaddy		Assoc., Florence Co.			5 520	6 360	
Henry L. Eason		Asst., Laurens Co.			5 232	5 604	

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Assistant County Agents (Cont'd)							
Charles H. Fant		Assoc., York Co.			6 000	6 420	
Frank M. Fleming		Assoc., Pickens Co.			5 986	6 382	
Elwood L. Gerald		Asst., Florence Co.			5 004	5 760	
Cecil P. Goodyear		Assoc., Berkeley Co.			5 940	6 240	
Donald R. Gowan		Asst., Lancaster Co.			4 952	5 264	
Joe W. Hall, Jr.		Asst., Bamberg Co.			4 680	5 160	
Hubert B. Hardee		Asst., Horry Co.			5 560	5 962	
Leonard B. Harrington		Assoc., Williamsburg Co.			6 100	6 496	
John L. Hayden		Asst., Hampton Co.			5 460	5 820	
David W. Howe		Asst., Anderson Co.			5 426 40	5 828 21	
Owen F. Huff		Asst., Hampton Co.	Assoc., Hampton Co.		5 760	6 060	
David A. Inabinet		Asst., Jasper Co.			5 180	5 713	
Ross A. Jameson		Asst., Orangeburg Co.			5 280	5 400	
Hugh S. Jenkins		Assoc., Colleton Co.			5 340	5 676	
Fletcher M. Johnson		Asst., Clarendon Co.			5 660	6 020	
Robert M. Johnston		Asst., Williamsburg Co.			5 436	5 820	
James S. Jones, Jr.		Asst., Abbeville Co.			4 620	5 040	
William C. Jones		Asst., Lexington Co.			4 654	5 134	
Barrett S. Lawrimore		Asst., Berkeley Co.			5 088	5 532	
Lanier S. Livingston		Asst., Lee Co.			5 880	6 144	
Franklin O. McAlhany		Asst., Dorchester Co.			4 680	5 160	
Crayton McCown		Assoc., Spartanburg Co.			6 180	6 624	
Robert C. McDaniel		Asst., Anderson Co.			5 040	5 400	
Fred E. McLaughlin		Asst., Allendale Co.			4 920	5 400	
Reuel McLeod		Asst., Orangeburg Co.			5 400	5 760	
Robert D. McNair		Assoc., Sumter Co.			6 408	6 768	
Albert H. Marshall		Asst., Chesterfield Co.			5 220	5 892	
Joe R. Meredith		Asst., Edgefield Co.	Assoc., Edgefield Co.		5 340	5 820	
Robert R. Montgomery, Jr.		Assoc., Kershaw Co.			6 088	6 508	
Charles G. Newton, Jr.		Assoc., Darlington Co.			6 488	6 692	
Elmer Olsen		Asst., Greenwood Co.			4 980	5 400	
Clarence K. Palmer		Asst., Union Co.			5 160	5 520	
James M. Parnell		Asst., Florence Co.			5 184	5 988	
Joe H. Phillips, Jr.		Asst., Georgetown Co.			4 740	5 100	

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Assistant County Agents (Cont'd)							
Jack W. Pruitt		Asst., Horry Co.			5 022	5 474	
Walter A. Ridgeway		Assoc., Cherokee Co.			6 000	6 420	
John W. Riser		Asst., Saluda Co.			5 280	5 760	
Bernard W. Sherer		Asst., Spartanburg Co.			5 700	6 108	
Ray C. Smith		Asst., Marlboro Co.			5 880	6 180	
William J. Spiers, Jr.		Asst., Edgefield Co.			4 800	5 280	
Clyde N. Strange		Asst., Chester Co.			5 424	5 814	
Thomas B. Tillman, Jr.		Assoc., Sumter Co.			6 400	6 664	
Curtis R. Tuten		Asst., Beaufort Co.			5 700	6 060	
Walter S. Walker		Assoc., Newberry Co.			6 072	6 732	
Edward C. Wallace		Assoc., Chesterfield Co.			6 060	6 780	
Charlie Webster		Asst., Horry Co.			5 082	5 510	
James R. White, Jr.		Assoc., Colleton Co.			6 096	6 420	
James D. Williams		Assoc., York Co.			6 000	6 420	
William D. Witherspoon		Asst., Dillon Co.			5 400	5 700	
James E. Yonce		Asst., Orangeburg Co.			4 860	4 860	
Vacant		Asst., Barnwell Co.			4 740	4 800	
Vacant		Asst., Saluda Co.			4 500	4 800	
Vacant		Asst., York Co.			4 980	4 980	
Vacant		Asst., Richland Co.			5 820	5 820	
Vacant		Asst., Charleston Co.			5 160	5 160	
Vacant		Asst., Oconee Co.			5 352	5 352	
Vacant		Asst., Chester Co.			4 620	5 004	
Negro Agricultural Workers							
Ernest N. Williams		Asst. in Agric. Extension			6 156	6 576	
Wayman Johnson		Asst. Boys' 4-H Club Agt.			5 760	6 218	
Roscoe C. Bacote		Assoc., Berkeley Co.			5 340	5 832	
David G. Belton, Jr.		Asst., Fairfield Co.			4 608	5 028	
Quincy Benbow		Asst., Marlboro Co.			4 860	5 244	
Jacob G. Bowman, Jr.		Asst., York Co.			4 500	4 968	
Charlie Bronson, Jr.		Asst., Laurens Co.	Assoc., Laurens Co.		4 644	5 124	

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Negro Agricultural Workers (Cont'd)							
Cartrell A. Brown		Assoc., Marion Co.			4 848	5 340	
Bennie L. Cunningham		Asst., Cherokee Co.			4 440	4 896	
Ellis D. Dean		Assoc., Bamberg Co.			4 880	5 384	
George W. Dean		Assoc. Agt. at Large			5 580	6 024	
Eugene Frederick		Asst., Dorchester Co.			4 572	5 016	
Fred D. Garrett		Assoc., Greenville Co.			4 899 60	5 411 16	
Hugene Gerald		Asst., Clarendon Co.			4 572	5 052	
Benjamin J. Gill		Asst., Newberry Co.	Assoc., Newberry Co.		4 548	5 052	
Thomas A. Hammond		Assoc., Aiken Co.			5 030	5 558	
Joseph Hill		Asst., Florence Co.			4 224	5 040	
Morris B. Jackson		Asst., Union Co.			4 476	4 764	
Leon Johnson		Asst., Orangeburg Co.			4 360	4 832	
William P. Johnson		Asst., Horry Co.			4 548	5 052	
Helen L. Kelley		Stenographer			2 796	3 012	
Isaac E. McGraw		Asst., Richland Co.			5 391 60	5 739 60	
Booker T. McIntosh		Asst., Charleston Co.			4 860	5 220	
Ralph V. Maloney		Asst., Barnwell Co.			4 380	4 860	
John D. Marshall		Assoc., Kershaw Co.			5 268	5 748	
Ezekiel M. Middleton		Asst., Greenwood Co.	Assoc., Greenwood Co.		4 980	5 460	
Joseph J. Mitchell		Assoc., Colleton Co.			4 836	5 340	
John Mott		Asst., Berkeley Co.			3 960	4 416	
Houston S. Person		Asst., Florence Co.			4 842	5 346	
Arthur Sanders		Asst., Sumter Co.			5 052	5 340	
Philip T. Seabrook		Asst., Beaufort Co.			4 648 68	5 104 68	
Moses M. Sitton		Assoc., Chester Co.			5 124	5 652	
Quincy J. Smith		Asst., Orangeburg Co.			4 840	4 840	
Richard C. Smith, Jr.		Assoc., Darlington Co.			5 916	6 276	
Robert N. Smith		Assoc., Spartanburg Co.			5 196	5 664	
James A. Spruill		Asst., Hampton Co.			4 560	5 040	
George W. Stewart		Assoc., Anderson Co.			5 800	6 294 20	
Van B. Thomas		Asst., Williamsburg Co.			4 934	5 402	
David B. Waymer		Asst., Chesterfield Co.			4 440	5 196	
Christopher N. Wilson		Asst., Lancaster Co.			4 748	5 204	

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County Agent's Stenographers							
Betty J. Adams		Stenographer, York Co.			2 544	2 736	
Florence Addison		Stenographer, Newberry Co.			2 844	3 156	
Ida G. Barfield		Stenographer, Kershaw Co. (1)			2 664	2 844	
Betty B. Benson		Stenographer, Barnwell Co. (1)			2 520	2 664	
Kate R. Brown		Stenographer, Dillon Co. (1)			2 808	3 000	
Martha N. Buckner		Stenographer, Union Co.			2 737 50	2 893 50	
Nancy J. Burgh		Stenographer, Florence Co.			2 700	2 880	
Billie Jean R. Catoe		Stenographer, Lancaster Co.			2 544	2 712	
Amelia D. Childress		Stenographer, Laurens Co.			2 400	2 556	
Caroline Cochran		Stenographer, Abbeville Co. (1)			3 000	3 192	
Lucille R. Culpepper		Stenographer, Colleton Co.			2 700	2 856	
Louvenia P. Davis		Stenographer, Marion Co.			2 778	2 946	
Gertrude M. Dempsey		Stenographer, Jasper Co. (1)			2 675	2 859	
Ann W. Drayton		Stenographer, Lee Co. (1)			2 796	3 012	
Elise Edwards		Stenographer, Horry Co.			2 688	2 880	
Edna P. England		Stenographer, Bamberg Co.			2 664	2 820	
Frances Harris		Stenographer, Greenville Co.			3 364 32	3 684	
Louise G. Harter		Stenographer, Allendale Co.			2 520	2 664	
Lucille H. Hoover		Stenographer, Orangeburg Co.			3 300	3 504	
Catherine P. Horne		Stenographer, Dorchester Co. (1)			2 796	2 940	
Maude M. Hursey		Stenographer, Darlington Co.			2 996	3 176	
Jacqueline Johnston		Stenographer, Berkeley Co.			2 892	3 060	
Mildred Lever		Stenographer, Richland Co.			3 958 80	4 198 80	
Helen B. Long		Stenographer, Greenwood Co.			3 000	3 180	
Phoebe S. Long		Stenographer, Hampton Co.			3 060	3 216	
Jimmie H. Lowry		Stenographer, Cherokee Co. (1)			2 508	2 652	
Jenny M. McAlister		Stenographer, Oconee Co.			2 504	2 612	
Frances McElveen		Stenographer, Clarendon Co.			3 068	3 420	
Ann J. McGilvray		Stenographer, Marlboro Co.			2 664	2 820	
Marie Y. McBryde		Stenographer, Beaufort Co. (1)			2 700	2 880	
Helen P. Matthews		Stenographer, Saluda Co. (1)			2 760	3 000	
Frances A. Mauldin		Stenographer, Anderson Co.			3 592 43	3 806 46	
Sara Milloway		Stenographer, Georgetown Co.			2 628	2 820	
Marion Nealy		Stenographer, Pickens Co. (1)			3 200	3 404	

(1) Works jointly for Co. Agt. & Home Dem. Agts.

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County Agents' Stenographers (Cont'd)							
Floy Richardson		Stenographer, Lexington Co.			3 235	3 391	
Miriam Saggus		Stenographer, Edgefield Co.			2 400	2 640	
Naomi Scott		Stenographer, Williamsburg Co. (1)			2 896	3 174	
Cleora K. Smith		Stenographer, Spartanburg Co.			3 300	3 468	
Anna R. Stevenson		Stenographer, Chester Co.			2 716	2 904	
Margaret P. Stevenson		Stenographer, Fairfield Co.			2 540	2 744	
Elizabeth Talbert		Stenographer, McCormick Co.			2 460	2 890	
Dorothy Ulmer		Stenographer, Calhoun Co. (1)			3 000	3 228	
Hazel Volk		Stenographer, Aiken Co.			3 105	3 285	
Barbara H. Watson		Stenographer, Chesterfield Co.			2 544	2 736	
Hazel R. West		Stenographer, Charleston Co. (1)			3 048	3 204	
Mary B. Wright		Stenographer, Sumter Co.			3 624	3 852	
State Home Demonstration Supervisors Specialists and Clerical Workers							
Sallie P. Musser		State Home Dem. Agent			7 992	8 616	
Curtys Ballentine		Assoc. District Agent			7 368	7 884	
Edith L. Burgess		Secretary III			3 036	3 240	
Lucille D. Chandler		Ext. Home Furn. Spec.			5 520	5 964	
Hilda A. Donahue		Stenographer II			2 640	2 820	
Teresa J. Elrod		Stenographer I			2 448	2 448	
Ellie L. Herrick		Ext. Family Life Spec.			6 120	6 612	
Hazel F. Hubbard		Acting Assoc. Dist. Agt.			7 080	7 584	
Frances H. Odom		Ext. Housing & Food Pres. Spec.			6 504	6 900	
Clair G. Phillips		Stenographer I			2 520	2 700	
Elizabeth W. Potter		Ext. Home Management Spec.			6 612	7 140	
Ruth Rampey		Stenographer I			2 520	2 700	
Annette B. Smith		Stenographer I			2 520	2 700	
Vela Smith		Ext. Clothing Spec.			6 480	7 092	
Georgia Taylor		St. Girls' 4-H Club Agent			6 516	7 044	
Betty P. Watkins		Ext. Consumer Inf. Spec.			5 868	6 336	
Gladys Wilbanks		Stenographer I			2 616	2 796	
Vacant		Assoc. District Agent			7 368	7 464	
Vacant		Asst. Girls' 4-H Club Agt.			5 832	5 832	
Vacant		Extension Nutritionist			6 948	7 020	

(1) Works jointly for County Agt. & Home Dem. Agts.

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County Home Demonstration Agents							
Lucille B. Alsing		Agent, Hampton Co.			4 932	5 280	
Theresa Beckham		Agent, Fairfield Co.			4 992	5 340	
Elizabeth B. Berry		Agent, Jasper Co.			5 456	5 804	
Mildred R. Crocker		Agent, Clarendon Co.			5 020	5 364	
Sarah G. Cureton		Agent, Pickens Co.			5 734	6 118	
Evelyn I. Davis		Agent, Dorchester Co.			4 740	5 052	
Martha C. Etheredge		Agent, Saluda Co.			5 624	5 996	
Margaret S. Forkner		Agent, Sumter Co.			5 856	6 372	
Eleanor M. Foster		Agent, Florence Co.			6 206	6 614	
Margie D. Freeman		Agent, Anderson Co.			5 220	5 532	
Vivian C. Gibson		Agent, Beaufort Co.			5 472	5 832	
Jacqueline S. Gift		Agent, Kershaw Co.			5 748	6 096	
Eva R. Goldberg		Agent, Charleston Co.			5 832	6 192	
Isobel P. Heaton		Agent, Colleton Co.			5 484	5 868	
Lynda L. Heriot		Agent, Marlboro Co.			5 940	6 360	
Dorothy O. Herlong		Agent, Edgefield Co.			5 292	5 640	
Mildred K. Holliday		Agent, Newberry Co.			5 160	5 532	
Alpha C. Jenkins		Agent, Aiken Co.			5 564	5 924	
Laura C. Johnson		Agent, Allendale Co.			5 448	5 808	
Carolyn J. Leitner		Agent, Abbeville Co.			4 872**	4 800	
Annie L. McColl		Agent, Greenwood Co.			5 724	6 120	
Margaret G. McFadden		Agent, Lexington Co.			5 985	6 381	
Huldah P. McKnight		Agent, Orangeburg Co.			5 368	5 728	
Barbara C. Meares		Agent, Lee Co.			5 532	5 892	
Mary B. Mixson		Agent, Georgetown Co.			4 632	4 956	
Claudella B. Moss		Agent, Cherokee Co.			4 680	5 004	
Margaret M. Nesbitt		Agent, Greenville Co.			6 603 23	7 100 40	
Joann S. Ray		Agent, Calhoun Co.			4 968	5 292	
Jennie M. Riddle		Agent, York Co.			5 364	5 736	
Annie C. Rikard		Agent, Bamberg Co.			4 500	4 812	
Lillian D. Rivers		Agent, Chesterfield Co.			5 796	6 204	
Sara E. Roper		Agent, Darlington Co.			6 024	6 408	
Vivian Hopkins Sharp		Agent, McCormick Co.			4 500	4 812	

**Salary of Prior Employee

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County Home Demonstration Agents (Cont'd)							
Sallie M. Smith		Agent, Marion Co.			5 724	6 108	
Annie Mae Stanfield		Agent, Barnwell Co.			4 872	5 220	
Lena E. Sturgis		Agent, Lancaster Co.			5 539	5 887	
Marguerite S. Summer		Agent, Richland Co.			6 307 44	6 679 44	
Lina C. Surls		Agent, Dillon Co.			4 920	5 256	
Sara M. Taylor		Agent, Laurens Co.			5 292	5 664	
Anne E. Thomasson		Agent, Chester Co.			5 052	5 403	
Evangeline T. Thompson		Agent, Berkeley Co.			5 364	5 736	
Carrie C. Tomlinson		Agent, Williamsburg Co.			6 115	6 600	
Matilda B. von Lehe		Agent, Union Co.			5 444 85	5 804 85	
Nancy H. Williams		Agent, Spartanburg Co.			5 232	5 604	
Hazle D. Wise		Agent, Oconee Co.			5 472	5 856	
Vacant		Agent, Horry Co.			4 500	4 800	
Assistant County Home Demonstration Agents							
Sarah C. Adkins		Asst., Williamsburg Co.			3 780	4 080	
Hazel Burton		Asst., Berkeley Co.			3 660	3 900	
Claire L. Baker		Asst., Marion Co.			4 434	4 782	
Rosa T. Baker		Asst., Florence Co.			3 744	4 044	
Rebecca Ann Brown		Asst., Anderson Co.			3 668 33	4 173 03	
Barbara J. Buck		Asst., Sumter Co.			3 780	4 200	
Julia S. Daniel		Asst., Pickens Co.			4 150	4 150	
Elizabeth S. Doughton		Asst., Lexington Co.			3 660	3 960	
Nancy F. Farmer		Asst., Newberry Co.			3 660**	3 960	
Connie R. Fowler		Asst., Anderson Co.			3 660	3 960	
Rebecca E. Gaines		Asst., Oconee Co.			3 660	3 960	
Judith L. Glover		Asst., Laurens Co.			3 660	3 960	
Jeralyn Kirkley		Asst., Lexington Co.			3 924**	3 900	
Patricia M. Kizer		Asst., Horry Co.			3 660	3 960	
Riley C. Langley		Asst., Edgefield Co.			3 660	3 960	
Doris McMillan		Asst., Chesterfield Co.			3 660	3 900	
Eugenia P. Ogden		Asst., Greenville Co.			4 287	4 635 36	
Phyllis A. Pitts		Asst., Aiken Co.			3 660	3 900	

**Salary of Prior Employee

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Assistant County Home Demonstration Agents (Cont'd)							
Miriam F. Rigby		Asst., Clarendon Co.			4 360	4 704	
Barbara E. Roberts		Asst., Spartanburg Co.			3 660	3 960	
A. Geraldine Rochester		Asst., Orangeburg Co.			3 940	4 252	
Catherine Sease		Asst., Spartanburg Co.			3 948	4 260	
Barbara Shumpert		Asst., Dillon Co.			3 660**	3 900	
Eva E. Simpson		Asst., York Co.			3 660	3 960	
Nancy E. Smith		Asst., Kershaw Co.			4 288	4 588	
Joyce C. Wannamaker		Asst., Florence Co.			3 660	3 960	
Dorothy W. Williams		Asst., Richland Co.			3 744	4 044	
Vacant		Asst., Darlington Co.			4 008**	3 900	
Vacant		Asst., Saluda Co.			3 924	3 900	
Vacant		Asst., Colleton Co.			3 768	3 900	
Negro Home Demonstration Extension Workers							
Sara A. Waymer		Asst. in Home Ec. Ext.			5 160	5 556	
Altamese B. Pough		Asst. Girls' 4-H Club Agt.			4 032	4 356	
Bernice H. Brown		Asst., Dorchester Co.			3 564	3 912	
Annie M. Butler		Asst., Allendale Co.	Assoc. Allendale Co.		3 828	4 212	
Cammie F. Clagett		Assoc., Spartanburg Co.			3 874	4 246	
Alberta V. DeVeaux		Asst., Charleston Co.			3 660	4 020	
Edna K. DuPree		Asst., Barnwell Co.			3 672	4 032	
Gussie M. Goudlock		Assoc., Colleton Co.			3 840	4 224	
Madge W. Hardy		Assoc., Greenwood Co.			3 732	4 032	
Lonieal L. Harrison		Asst., Aiken Co.			3 717	4 089	
Queenie S. Heath		Asst., Clarendon Co.			3 704	4 076	
Nannie Mae Hughes		Asst., Chester Co.			3 348	3 687	
Wilhelmina P. Johnson		Asst., Darlington Co.			3 564	3 912	
Jessie L. Jones		Asst., Lancaster Co.			3 341	3 677	
Janie Lancaster		Asst., Georgetown Co.			3 561	3 921	
Eva G. Lawrence		Assoc., Williamsburg Co.			3 804	4 164	
Claudette M. Lawson		Asst., Florence Co.			3 420	3 768	
Lillie J. Limehouse		Asst., Bamberg Co.			3 720	4 116	
Hattie P. Lowery		Asst., Florence Co.			3 660	4 020	

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Negro Home Demonstration Extension Workers (Cont'd)							
Shirley H. McDonald		Asst., Marion Co.			3 636	3 876	
Goldie E. McDuffie		Asst., Sumter Co.			3 740	4 112	
Sara Ruth McDuffie		Asst., Chesterfield Co.			3 450	3 820	
Leona B. Mungin		Asst., Hampton Co.			3 624	3 984	
Rosa R. Odom		Assoc., Orangeburg Co.			3 875	4 259	
Gertrude H. Sanders		Assoc., Richland Co.			4 094 92	4 502 92	
Lillian G. Saunders		Assoc., Newberry Co.			3 878 40	4 202 40	
Leota Sherard		Asst., Cherokee Co.			3 344	3 680	
Willie B. Simpson		Asst., Greenville Co.			3 721 19	4 153 32	
Johnnie G. Sloan		Assoc., York Co.			3 824	4 198	
Coy Smith		Asst., Fairfield Co.			3 608	3 884	
Doris V. Thomas		Asst., Berkeley Co.			3 348	3 684	
Willie P. Washington		Assoc., Beaufort Co.			4 472	4 736	
Adell W. Watson		Asst., Kershaw Co.			3 690	4 062	
Marian M. Watson		Asst., Horry Co.			3 624	3 876	
Laura M. Whitney		Asst., Union Co.	Assoc., Union Co.		3 958 80	4 318 80	
Cynthia W. Williford		Assoc., Anderson Co.			3 940 24	4 333 78	
Vacant		Stenographer			2 760	2 760	
County Home Demonstration Agents' Stenographers							
Kathleen Belk (PT)		Stenographer, Lancaster Co.			1 584	1 680	
Dorothy Carson (PT)		Stenographer, Clarendon Co.			2 100	2 100	
Mary T. Chandler (PT)		Stenographer, Sumter Co.			2 040	2 160	
Miriam H. Connelly (PT)		Stenographer, Hampton Co.			1 596	1 680	
Lena C. Copeland		Stenographer, Colleton Co.			2 358	2 526	
Nellie G. Crawford (PT)		Stenographer, Chester Co.			1 584	1 686	
Mildred Creamer		Stenographer, Anderson Co.			2 460 39	2 631 42	
Mildred F. Cunningham (PT)		Stenographer, Darlington Co.			1 809	1 905	
Evelyn T. Gresham (PT)		Stenographer, Greenville Co.			1 713 84	1 822 80	
Katherine D. Hawkins (PT)		Stenographer, Greenwood Co.			1 428	1 596	
Minnie O. Hightower		Stenographer, Bamberg Co.			2 364	2 508	
Elizabeth B. Johnson (PT)		Stenographer, Marion Co.			2 316	2 460	
(PT) Part Time			Ext. 16				

The Clemson Agricultural College

Extension Service - 1962-63

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
County Home Demonstration Agents' Stenographers (Cont'd)							
Lois Joyner		Stenographer, Richland Co.			3 009 72	3 213 72	
Ella G. Kemmerlin		Stenographer, Orangeburg Co.			2 316	2 460	
Ruth Kirkland		Stenographer, Allendale Co.			2 664	2 760	
Eva R. Ladd (PT)		Stenographer, Laurens Co.			1 716	1 824	
Agnes C. Lynn		Stenographer, York Co.			2 160	2 376	
Carolyn C. Mabry		Stenographer, Spartanburg Co.			2 436	2 592	
Gena J. Melton		Stenographer, Florence Co.			2 868	3 012	
Margie W. Meng (PT)		Stenographer, Fairfield Co.			1 594	1 688	
Lorene M. Miskelly (PT)		Stenographer, Newberry Co.			2 058 60	2 226 60	
Mildred F. Morgan		Stenographer, Oconee Co.			2 508	2 692	
Margaret Murden		Stenographer, Aiken Co.			3 063	3 370 54	
Mary G. Nicholson		Stenographer, Chesterfield Co.			2 544	2 652	
Gertrude A. Parker (PT)		Stenographer, Georgetown Co.			1 368	1 464	
Marguerite R. Porcher (PT)		Stenographer, Berkeley Co.			1 524	1 680	
Mary A. Rowe (PT)		Stenographer, Marlboro Co.			1 380	1 464	
Helen C. Smith (PT)		Stenographer, Union Co.			2 210 78	2 342 78	
Melvina D. Snipes (PT)		Stenographer, Horry Co.			1 584	1 680	
Edith H. Stone		Stenographer, Edgefield Co.			1 980	2 124	
Kathleen H. Tucker		Stenographer, McCormick Co.			1 524	1 930	
Willie M. Wingard		Stenographer, Lexington Co.			2 419	2 527	

(PT) Part Time

EXTENSION SERVICE 1962 - 1963

4-H Club Camps

1962 - 1963

Camp Long	$ 2 400	Caretaker	$ 2 184
		Insurance	216
			$ 2 400
Camp Bob Cooper	$ 2 400	Caretaker	$ 2 184
		Insurance	216
			$ 2 400
Camp Harry Daniels	$ 2 400	Caretaker	$ 792
		Repairs	1 145
		Lights	160
		Insurance	303
			$ 2 400

Form B-3
(May 1960)

The Clemson Agricultural College

Livestock-Poultry Health Department 1962-1963

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
O. E. Baker, Jr.	DVM	Vet. Area Supv.			$ 7572	$ 8016	
B. W. Bierer	VMD	Lab. Director & Vet.	L-P		5664	5292	
			S		(4320)	(5292)	
			T		(9984	(10584)	
Wilma M. Campbell		Clerk-Typist			3456	3744	
W. T. Carll	DVM	Histopathologist			--	2400	
R. W. Carter	DVM	Director			6300	6708	(a)
W. R. Chastain	DVM	Vet. Supv. Auction Sales			8004	8808	
C. B. Collins		Shipping Clerk			4116	4116	(c)
J. C. Epps, Jr.		Livestock Law Enf. Officer			5892	6276	
C. L. Fleming		Livestock Law Enf. Officer			4500	5208	
J. C. Fortner		Lab. Technician			2700	3000	
J. P. Ginn, Jr.		Livestock Inspector			4500	4788	
C. E. Grant		Livestock Law Enf. Officer			5448	5928	
Carolyn W. Jacobs		Diagnostic Secretary			3696	3936	
Peggy L. Kelly		Lab. Technician			2880	3276	
J. B. Klugh		Administrative Assistant			6816	7200	
Annie W. McCall		Certification Secretary			4644	4644	
D. M. Maxey		Livestock Inspector			4680	4968	
S. L. Moore	DVM	Vet. Area Supv.	L-P		3840	4008	
			S		(3732)	(4008)	
			T		(7572)	(8016)	
Ida L. R. Motley		Administrative Secretary			4068	4308	
H. S. Powell	DVM	Assistant Lab. Director			8508	9360	

The Clemson Agricultural College

Livestock-Poultry Health Department 1962-1963 (continued)

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Roberta M. Rose		Clerk-Typist	L-P		1716	1836	
			S		(1728)	(1848)	
			T		(3444)	(3684)	
Jack Scott	DVM	Vet. Area Supv.			7908	8508	
P. M. Snowden		Livestock Inspector			4500	4788	
C. M. Steele		Technical Assistant			4260	4524	
J. B. Thomas	DVM	Assoc. Lab. Director			9000	9900	
H. D. Valentine	DVM	Asst. Lab. Director			8508	9000	
Billie Vandiver		Secretary			504	540	(b)
C. L. Vickers	DVM	Assistant Director			10188	10788	
W. H. Wiley	PhD	Dean of Agriculture			1560	2004	(b)
Vacancy		Vet. Virologist			--	9504	
C. M. Craddick	DVM	Vet. Area Supv.			7020	7608	
Mary D. Hunter		Clerk III			--	300	(b)

(a) State Portion
(b) Total Salary Shown on College Budget
(c) Vice J. M. Leaphart 6/1/62

The Clemson Agricultural College

Fertilizer Inspection and Analysis Department

NAME (1)	Degree (2)	Present Title (3)	Change in Title Recommended for Next Year, If Any (4)	No. of Mo. (5)	SALARY Current Year (6)	SALARY Recom'd Next Year (7)	REMARKS (8)
Ella N. Boggs		Secretary			2,964	3,180	
Dorothy Brock	BS	Fert. Asst. Chemist			3,528	3,912	
Bruce D. Cloaninger	MS	Dir. Fert. Insp. & Anal.	FIA		10,164	10,860	
		& Sec. Bd. of Fert. Control	C		(336)	(372)	
					(10,500)	(11,232)	
Frances L. Crocker	BS	Fert. Asst. Chem.			3,120	3,384	
Wayne Garrison	MS	Fert. Asst. Chemist			5,664	5,844	
Vivian R. Harrell		IBM Operator			1,500	1,908	(a)
Mary Hunter		Clerk III			--	300	(b)
Edna C. Kay	BA	Lab. Tech.			2,676	2,976	
Ernest E. Leslie	BS	Fert. Assoc. Chem.			5,820	6,384	
C. G. Littleton		Lab. Asst.			3,060	3,360	
Mary Lee McCracken	AB	Fert. Asst. Chem.			3,528	3,912	
Mattie M. McKinney		Stenographer			2,520	2,700	
Julia B. Manly		Clerk-Typist			2,412	2,460	
Billie Vandiver		Secretary, Dean's Office			504	540	(a)
Hubert J. Webb	PhD	Chief Chemist			5,592	5,592	(b)
W. H. Wiley	PhD	Dean of Agriculture			1,440	1,740	(a)

(a) See College Budget for total salary.
(b) See Experiment Station Budget for total salary

AGENDA FOR THE MEETING OF THE BOARD OF TRUSTEES

on

July 19, 1962

(Subject to Revision by the Board)

1. Roll Call

2. Minutes of the Meeting of June 19, 1962

3. In Memoriam -- William Augustus Barnette

4. Summer Session Fees for Graduate Assistants and Staff

Statement: The revised schedule of fees recommended and approved at the meeting of April 11, 1962, did not include specific mention of fees for graduate assistants and staff members taking courses during the summer session. Subject to confirmation and approval of the Board, these fees were set by the administration in accord with the recommendation presented below.

Recommendation: That the Board confirm and approve summer session fees, exclusive of those for hospital and living expenses, for graduate assistants and staff members at fifty per cent of the announced charge for all other students.

5. Language Examination Fee for Graduate Students

Statement: Graduate students who are required to show proficiency in a language may take the required examination twice without charge, but as a deterent to repeated efforts without adequate preparation it is proposed that a fee be assessed for the third and subsequent attempts.

Recommendation: It is recommended that the following policy apply:

> A student who is required to show proficiency in a language as a requirement for his advanced degree may without a fee take the required language examination two times, but if he fails to pass the examination at both of these testings, he shall be charged a fee of $10 for each subsequent examination in the language.

6. Woman's Dormitory

Recommendation: In connection with construction of a woman's dormitory, it is recommended that the Board authorize the administration to take the necessary steps to arrange for borrowing $550,000 through issuance of revenue bonds as in the past, and that a tentative annual room rental fee for such dormitory be established at a minimum of $220 per year.

7. Civil Action No. 4101 in the United States District Court for the Western District of South Carolina, Anderson, Division

8. The Clemson Diploma -- Consideration of New Heading

IN MEMORIAM

William Augustus Barnette

November 14, 1886 -- June 28, 1962

WHEREAS, the Members of the Board of Trustees of The Clemson Agricultural College of South Carolina desire to record their deep sorrow at the death on June 28, 1962, of their esteemed associate, William Augustus Barnette, who since 1946 served as a member of this Board,

WHEREAS, in his death, this Board of Trustees, The Clemson Agricultural College, The Clemson Alumni Association, the City of Greenwood, and the entire State of South Carolina have lost an unselfish and untiring devotee and an outstanding and public-spirited citizen,

WHEREAS, as a member at various times of the Board's Agricultural Committee, Fertilizer Committee, and Executive Committee, and as Chairman of the Committee on Development and Public Relations, he gave unstintingly of his time and talents to promote the growth of the College and plan the expansion of its physical facilities, to develop the agricultural and research programs of the Institution, and to enhance the cultural and economic life of South Carolina,

BE IT RESOLVED, that the Board of Trustees of The Clemson Agricultural College of South Carolina hereby makes formal acknowledgement of its grievous loss in the death of William Augustus Barnette and hereby notes in its official records the passing from this life of a trusted leader, true friend and associate;

RESOLVED FURTHER, that a copy of this resolution be tendered to his family as an expression of the Board's heartfelt sympathy in its bereavement.

AGENDA - RECOMMENDATIONS AND REPORTS

for the meeting of

The Board of Trustees
of
The Clemson Agricultural College

October 26, 1962

Luncheon Meeting

12:30 p.m.

The Clemson House
Clemson, South Carolina

AGENDA FOR THE MEETING OF THE BOARD OF TRUSTEES

on

October 26, 1962

(Subject to Revision by the Board)

I. ROLL CALL

II. MINUTES OF THE MEETING OF JULY 19, 1962

III. RECOMMENDATIONS FOR CONSIDERATION

Recommendations of the Board Committees are presented on the pages immediately following this outline of the agenda.

IV. COMMITTEE REPORTS

Reports of the Board Committees are presented herewith, following the tab guides as labeled for each committee.

V. ADDITIONAL ITEMS FOR CONSIDERATION

Additional recommendations and informational items will be presented as developed prior to the Board Meeting.

VI. DATE FOR THE MARCH MEETING OF THE BOARD

"Stated Meeting Date" is March 15.

VII. REVIEW OF PRESS RELEASE ON BOARD MEETING

VIII. FINAL ROLL CALL VOTE

IX. ADJOURNMENT

RECOMMENDATIONS FOR CONSIDERATION

by the

Clemson College Board of Trustees

October 26, 1962

1. Budget Request for 1963-1964

Executive Committee Recommendation: It is recommended that the Summary Proposed Budget Request for 1963-1964 (presented separately) be approved.

2. Contract for Combined Mechanical and Electrical Work, Boiler Plant Expansion -- Confirmation of Interim Action

Statement: On August 7, 1962, detailed information was mailed to all members of the Board concerning the bids on "Combined Mechanical and Electrical Work, Boiler Plant Expansion" as opened publicly at 2:00 p.m. that day (August 7, 1962). The administration recommended and the Board approved by mail ballot the award of the contract to the lowest bidder, Freeman Heating and Air Conditioning Company, Greenville, South Carolina, in the amount of $101,581.

Executive Committee Recommendation: That the above action of awarding the contract to Freeman Heating and Air Conditioning Company be confirmed.

3. Summer School Fees per Credit Hour

Statement: Summer school faculty salaries are largely dependent on summer school income. However, under certain legislation the children of deceased veterans are entitled to free "tuition."

Executive Committee Recommendation: In order to continue sound financing of summer school sessions, it is recommended that the summer session fee of $2.00 per semester hour credit and the tuition fee for the summer session of $12.00 per semester hour be combined into a "Summer Session Fee" of $14.00 per semester hour to be effective in 1963.

4. Summer School Fee for Institute in Water Resources

Statement: A special Summer Institute in Water Resources is to be offered in the summer of 1963 in cooperation with the Public Health Service. In

order to assist the college in meeting its matching portion of the cost of operating the Institute, a special fee of $200 has been tentatively established in addition to the regular fee of $14.00 per semester hour. This is in line with the fees charged in other places for similar institutes. Each student participating in the Institute is to be given a stipend varying from $600 to $1200.

Executive Committee Recommendation: It is recommended that the Board confirm the special fee of $200 for the Summer Institute in Water Resources.

5. Women's Dormitory Room Rental Fee

Statement: At the meeting on July 19, 1962, the Board approved the recommendation that a tentative annual room rental fee for the women's dormitory be established at a minimum of $220 per year (per occupent).

Executive Committee Recommendation: It is recommended that this women's dormitory annual room fee of $220 per occupant, previously approved as tentative and as a minimum, be confirmed at this time as the fee to be charged for 1963-1964.

6. Dismantling Old Residences -- Specific Units

Statement: On November 10, 1961, the Board approved authorization to have old college residences dismantled and removed at such time as reasonable occupancy of these units cannot be maintained or when their locations prohibit the proper development of the campus. Under this general policy, authorization is now requested concerning specific units to be removed as space is needed to develop the campus in accordance with the College Master Plan.

Executive Committee Recommendation: It is recommended that the administration be authorized to dismantle and remove, or sell at public auction and have removed, the following specific old college residences:

Residence Number	Currently Occupied by
106	Vacant (Old Cooper Residence)
113	Walton Wilson
114	E. C. Coker
115	D. B. Roderick
116	John R. Jackson
117	B. E. Goodale
144	H. V. Poe
169	J. P. LaMaster
170	F. G. Mohrman
210	E. W. Richardson
216	A. M. Musser
262	G. L. Guy

7. Rental Adjustments on Old College Residences

Executive Committee Recommendation: It is recommended that the administration be authorized to adjust rentals on the Old College Residences when such is necessary due to cost of renovation, restoration or repair.

8. Revenue Bonds for Financing Women's Dormitory

Statement: On July 19, 1962, the Board authorized the administration to take the necessary steps to arrange for borrowing $550,000 to finance the construction of a women's dormitory. It is now apparent that a total of $600,000 may be necessary for this purpose, and the borrowing potential under the Revenue Bond Act is sufficient to provide this amount.

Executive Committee Recommendation: It is recommended that the financial authorization of the Board for the Women's Dormitory as indicated above be increased from $550,000 to $600,000.

9. Waste Treatment Plant

Executive Committee Recommendations:
(1) It is recommended that the Executive Committee endorse for approval of the full Board the purchasing from the U. S. Government, at a price to be established, of a perpetual easement of appropriate acreage of land for use as a waste treatment plant site for the College.
(2) It is recommended that the administration be authorized to make arrangements with the State Budget and Control Board to borrow the sum of $560,000 for construction of a sewage treatment plant in accord with S599, R882 of the Acts and Joint Resolutions of the 1962 General Assembly of South Carolina. It is further recommended that the Board of Trustees direct that the note required under this action be executed on behalf of the Board by Mr. R. M. Cooper, President of the Board.

10. Town of Clemson Request for Town Waste Treatment Plant Site

Statement: The Town of Clemson is proceeding with plans for a sewage system including a sewage disposal plant. The Town wishes to purchase 3.48 acres of land, presently owned by Clemson College, as a site for the disposal plant.

The proposed disposal plant site is north of the Southern Railway, north of U. S. Highway 123, and a short distance from the town limits of Clemson. The site is more specifically identified by a plat entitled "Topographic Map of The Town of Clemson, S. C., sewage disposal area -- Robinson Engineering Service, Anderson, S. C. -- 17 Sept. 1962."

The location of the site is satisfactory to the College provided that access to this land is made available across land not owned by the College, and also provided that the sewage disposal system will be a packaged unit and not an open lagoon.

Executive Committee Recommendation: It is recommended that the 3.48 acres of land identified above be sold and conveyed to the Town of Clemson under the conditions indicated at the sale price of fifty dollars ($50.00) per acre.

11. Library Fee

Executive Committee Recommendation: In order to provide a portion of the funds required for construction of a new library, it is recommended that a special fee to be known as the Library Fee be established effective with the 1963-1964 academic year. This fee is the one specifically referred to in Section 18 of H 2311 R 1035 of the Acts and Joint Resolutions of 1962 approved by the Governor April 7, 1962. It is recommended that the fee be established at a minimum of $24.00 and a maximum of $28.00 a year (depending on coverage requirements for $1,500,000 bond issue) for the regular undergraduate students and 75¢ per credit hour for all other students during the regular term and for all regular summer school students.

12. Proposed Change in Fees for Out-of-State Students

Executive Committee Recommendation: At the time the fees were adjusted to be effective for the current school year, it was realized that still further adjustments would be needed in out-of-state tuition effective with the school year 1963-64. In order to bring additional tuition fees for out-of-state students more in line with those of land-grant institutions in neighboring states it is recommended that the out-of-state tuition fees be increased from $400 per year to $450 per year effective with the 1963-64 school year.

It is further recommended that the Budget and Control Board be requested to look into the out-of-state tuition fees charged by other state institutions and bring them all to this amount. If this is not accomplished, it is recommended that the Clemson Board review this matter again before the increase becomes effective.

13. Medical Fee

Executive Committee Recommendation: In order to maintain the medical services on a self-sustaining basis and continue to provide the services needed, it is recommended that the medical fee be increased from $26.00 a year to $30.00 a year effective with the 1963-64 school year.

14. Free Tuition for Children of Faculty Members

Statement: Subsequent to the passage of Act No. 139 of 1953 by the General Assembly which earmarked the use of tuition fees to amortize State Institution Bonds, Act No. 290 was passed which provided "that children of full-time faculty members in the University shall be exempt from tuition fees."

It is our understanding that this privilege is being exercised at the University, but the law does not permit a similar privilege at Clemson or at the other State institutions.

Executive Committee Recommendation: It is recommended that the Board of Trustees request the State Budget and Control Board to make necessary arrangements by legislation or otherwise to have uniform policies concerning tuition fees among State institutions.

15. Forestry Commission District Repair Shop Site -- Land at Pee Dee Experiment Station

Statement: The South Carolina State Commission of Forestry wishes to acquire from the College 5.791 acres of land at the Pee Dee Experiment Station to be used as a district repair shop site. The land is in Darlington County, just north of Florence County, on the north boundary of the Pee Dee Experiment Station, at the junction of the dual highway from Darlington to Florence and the county line between Florence and Darlington Counties, and is more specifically identified by a map prepared by Ervin Engineering Company of Florence, S. C., under date of August 2, 1962.

Executive Committee Recommendation: It is recommended (1) that the 5.791 acres of land identified above be deeded to the South Carolina State Commission of Forestry for the establishment of a district repair shop and (2) that the instrument of conveyance specify that the site be used solely for the purpose indicated and revert to the College if or when it is not so used.

16. National Guard Armory Site

Statement: Funds are being made available by the State of South Carolina and the United States Government to the South Carolina National Guard for the purpose of constructing a new armory in the Clemson area. The old National Guard Armory facilities in this area are located on land deeded by the College for this purpose in a location west of Stadium Road.

As plans are made by the South Carolina National Guard for the construction of the new armory, it is proposed by the administration that consideration be given to an exchange of land with the South Carolina National Guard to provide for the location of the new armory in an area northwest of the present location of the Reserve Armory, and to have the property of the old site returned to the College. This will place both armories in the same general area. The proposed site for the new armory is further identified by a sketch under date of October 11, 1962 drawn by C. F. Bowie and checked by G. H. Dunkelberg.

Executive Committee Recommendation: It is recommended that the administration be authorized to negotiate with officials of the South Carolina National Guard and effect an exchange of properties as indicated above.

17. The Clemson Diploma Heading

Statement: In accord with the authorization of the Board on July 19, 1962, the administration has had sketches prepared of possible new diploma headings including the words "Clemson College of South Carolina" instead of "The Clemson Agricultural College of South Carolina." An appropriate heading has been selected from the sketches furnished by the engraving company.

Executive Committee Recommendation: It is recommended that, beginning with degrees awarded at the end of the first semester, 1962-1963, the administration be authorized to use a new diploma heading with the words "Clemson College of South Carolina" instead of "The Clemson Agricultural College of South Carolina" provided that the official seal of the College, including the words "Clemson Agricultural College of South Carolina" is affixed to each diploma.

18. Technical Training Center Site in Florence-Darlington Area

Statement: Under the state program on technical education, plans are under way in the Florence-Darlington Area for the establishment of one of the technical training centers. The Advisory Committee on Technical Education for the Florence-Darlington Area wishes to secure a site for the Center on lands owned by the College at the Pee Dee Experiment Station.

The site requested by the Committee is along U. S. Highway No. 52 in an area devoted to important research projects in tobacco, cotton, corn and soy beans. However, by carefully selecting the specific location in this area to be used as the site, it is possible, with a few adjustments, for a grant of property to be made for the Technical Training Center without working a hardship on the research under way.

Executive Committee Recommendation: It is recommended that the administration be authorized to negotiate with the appropriate officials in the Florence-Darlington Area concerning the specific site which can be made available for a Technical Training Center. It is further recommended that if the site selected is acceptable to the Advisory Committee, the administration be authorized to convey the property to the proper authorities provided that the instrument of conveyance specify that the site be used solely for the purpose indicated and revert to the College if the land is not so used.

19. Fertilizer Inspection and Analysis

Agricultural Regulatory Committee Recommendation: That the fines be approved as recommended in the Department of Fertilizer Inspection and Analysis Report to the Fertilizer Board of Control, October 1962.

20. Japanese Beetle Quarantine

Statement: Since South Carolina was placed under the Federal Japanese

Beetle Quarantine effective September 21, 1962, it is necessary that a companion state quarantine on the Japanese beetle be issued. The proposed quarantine has been reviewed and considered adequate by Dr. Roy G. Richmond, Assistant Director, Plant Pest Control Division, Agricultural Research Service, Washington, D. C.

Agricultural Regulatory Committee Recommendation: That the attached Japanese Beetle Quarantine, October 1, 1962, be confirmed and approved.

21. Technical Livestock Committee Appointment

Statement: Mr. G. E. Hawkins, a leader in the beef cattle industry of South Carolina and a member of the Technical Livestock Committee, died several months ago, leaving a vacancy on the Committee, and the Clemson Board of Trustees is responsible for appointing someone to fill this vacancy. The South Carolina Code of Laws states in part: "the technical livestock committee, composed of four men appointed by the Board of Trustees of Clemson Agricultural College of South Carolina and the president, vice-president and secretary of the Livestock Dealers Association shall make an official inspection of the premises of the applicant and if, in their opinion, the owner of the proposed market can comply with the provisions of this article the State Veterinarian shall issue the permit. This permit may be revoked by such committee for violation of the provisions of this article or the rules and regulations relating thereto."

As indicated above this committee works closely with the State Veterinarian, and Dr. R. W. Carter proposes that Mr. Ellis Monroe, Moore, South Carolina, be appointed to the Technical Livestock Committee. Mr. Monroe is a practical beef cattle man and is a leader and officer in both the Spartanburg County Livestock Producers Association and the South Carolina Livestock Producers Association. He has been the backbone for the feeder calf sales and is well known throughout the State. He is the type of individual who will not only accept such an appointment but will actively and unselfishly serve the entire industry.

Agricultural Regulatory Committee Recommendation: It is recommended that Mr. Ellis Monroe be appointed to the Technical Livestock Committee to fill the vacancy resulting from the death of Mr. G. E. Hawkins.

22. Forestry Pest Control

Agricultural Regulatory Committee Recommendation: It is recommended that steps be taken to have the legislation currently fixing the responsibilities of the South Carolina State Crop Pest Commission so amended as to place the responsibilities for control of forest pests in the South Carolina Forestry Commission with all other responsibilities in crop pest control to remain as currently fixed with the South Carolina State Crop Pest Commission.

23. Women's Dormitory

Statement: At the meeting on September 27, 1962, detailed plans for the Women's Dormitory were reviewed by the Board Committee on Development and Public Relations.

Development Committee Recommendation: It is recommended that the plans and specifications for the Women's Dormitory be approved.

24. Head of Dairy Science Department

Statement: Mr. B. E. Goodale, Head of the Dairy Science Department, will retire January 31, 1963. The administration proposes to promote Dr. Willis A. King, Professor of Dairy Science at Clemson, to the headship.

Dr. King was born in Abbeville, South Carolina in 1915. He received his B.S. degree with honor from Clemson in 1936, his M.S. from the University of Wisconsin in 1938, and his Ph.D. from the same University in 1940, with majors in Dairy Husbandry and Biochemistry. He has held titles of Assistant in Animal Husbandry, University of Wisconsin; Assistant Professor, New Jersey Agricultural Experiment Station; Director of Dairy Farm Research, Rutgers University; Associate Professor Dairy Husbandry, Purdue University; and Professor of Dairying and Dairy Husbandman, Clemson College, 1949 to date.

He has been effective at Clemson in teaching and research, and is well known by dairy people throughout the State. He is a past President and Board Chairman of the American Grassland Council, past President of the Southern Division of the American Dairy Science Association, and Chairman of the Dairy Cattle Health Committee of the American Dairy Science Association.

His research record includes senior or associate authorship of 87 published papers. He has been active in community affairs and in the affairs of such honor societies as Phi Kappa Phi and Sigma XI.

Recommendation: That Dr. Willis A. King be appointed Head of the Dairy Science Department, effective February 1, 1963.

EXECUTIVE COMMITTEE REPORT

to the

BOARD OF TRUSTEES

October 26, 1962

The Executive Committee met in Columbia on October 17, 1962. Members of the Committee present were Edgar A. Brown, presiding, James F. Byrnes, Robert R. Coker, W. Gordon McCabe, Jr., and R. M. Cooper, ex officio member. Also in attendance was L. D. Holmes.

Members of the college staff present included R. C. Edwards, M. A. Wilson and G. E. Metz. Also in attendance during consideration of a requested site for a Technical Training Center on land of the Pee Dee Experiment Station were W. H. Wiley, O. B. Garrison, B. D. Cloaninger, R. W. Carter, G. B. Nutt, and J. B. Pitner.

Recommendations resulting from this meeting of the Committee are given as Items 1 - 18 of the recommendations for consideration of the Board at this meeting of October 26, 1962.

AGRICULTURAL REGULATORY REPORT

to the

Board of Trustees

October 26, 1962

The Agricultural Regulatory Committee met in Columbia on October 17, 1962. Members of the Committee present were L. D. Holmes, presiding, Robert R. Coker and R. M. Cooper, ex officio member. Others in attendance were R. C. Edwards, W. H. Wiley, O. B. Garrison, B. D. Cloaninger, R. W. Carter, G. B. Nutt, and G. E. Metz.

Recommendations resulting from the October 17 meeting of the Committee are given as Items 19 - 22 of the recommendations for consideration of the Board at this meeting of October 26, 1962.

Informational reports as reviewed by the Committee and presented herewith include the Department of Fertilizer Inspection and Analysis Report to the Fertilizer Board of Control, October 1962, and the informational report on the regulatory activities of the South Carolina State Crop Pest Commission. Also presented herewith is a copy of the proposed Japanese Beetle Quarantine.

DEPARTMENT OF FERTILIZER INSPECTION
AND ANALYSIS

REPORT TO THE FERTILIZER BOARD OF CONTROL
October, 1962

Below is a brief summary of some of the activities of the Department of Fertilizer Inspection and Analysis for the period July 1, 1961 - June 30, 1962.

Tons of fertilizer distributed	813,795
Number of samples procured and analyzed	5,663
Number of samples deficient or excessive in chlorine:	
Nitrogen	73
Phosphoric Acid	10
Potash	74
Excessive in chlorine	22
Total number of samples deficient, not meeting guarantee	179
Percent of samples deficient	3.1
Refunds to farmers on account of deficiencies	$9,556.90
Number of bags underweight in dealers' warehouses	4,905
Average shortage per bag (pounds)	1.9
Number of pounds refunded to farmers on account of	5,632
short weights	55,054
Total number of lots weighed	1,212
Total number of lots underweight	62
Percentage of lots short weight	5.1
Number of toxicological examinations	2
Number of pesticide samples procured and analyzed	1,653

FERTILIZER TONNAGE:

Fertilizer tonnage for the past fiscal year showed an increase of 10,534 tons, or 1.3%. The total plant food content increased from 25.50% to 25.83%. The leading grade was 4-12-12, which represented 31.4% of the tonnage, while disappointingly the second leading grade was 4-10-6, representing 11.4% of the tonnage.

DEFICIENT ANALYSES:

It is gratifying to note that the percentage of deficient samples decreased from 5.1% to 3.2%. The number of lots of short weight, however, increased from 4.9% to 5.1%. Even though the procedure involved in weighing fertilizer is very costly, the results are apparently very rewarding.

TOUR OF PEE DEE EXPERIMENT STATION, FLORENCE, S. C.

A well organized and planned tour of the Pee Dee Experiment Station was conducted on Friday, July 13th and was very successful. A total of 165 attended. The morning was devoted to a tour of the Experiment Station, while the afternoon was devoted to talks by prominent College authorities on timely subjects. Dr. R. M. Cooper, Chairman of the Board of Trustees, attended, along with Dr. Edwards, Dean Wiley and Dr. O. B. Garrison, Director of the South Carolina Agricultural Experiment Station. Dr. John B. Pitner, the Station Superintendent, and his staff organized the tour. Fertilizer manufacturers furnished trucks with benches, so that all could see the projects being discussed from the truck.

RATIOS AND MINIMUM ANALYSIS GRADES:

Approved ratios and minimum analysis grades through 1963 have been published to the industry. There were no changes recommended for the coming year.

ANNUAL FERTILIZER BULLETIN #501:

The annual fertilizer bulletin #501 is now in the hands of the printer and should be ready for distribution in late October. This publication is in demand not only from manufacturers, distributors and agricultural workers of this state but from offices of key personnel who operate in South Carolina. They all compliment the department on the excellent job it does in compiling timely accurate data and issueing it monthly, as well as compiling data annually in the official bulletin issued by the department. The IBM procedure for tabulating the data has worked most satisfactorily. Agricultural workers are immediately able to determine whether or not recommendations as to grades, etc. are being followed.

Receiving invoices within 48 hours after a shipment is made permits the department to send daily to the inspectors a summary by grades and dealer or farmer a list of fertilizer being received in his territory, thereby enabling him to work out a fairly accurate schedule and eliminate unnecessary travel and time.

The old tag system, whereby a tax tag was placed on each and every bag, cost the department approximately $7200.00 annually, plus the time for wrapping and mailing tags, plus the postage or express paid by the manufacturer, as compared to an overall cost not exceeding $6000.00 annually for the IBM key punch and verifier operation. Many states have visited and studied our installation. The IBM assorting machine located in Tillman Hall is used, of course, for assorting the data and, incidentally, the personnel there do a superior job and are most cooperative.

INSPECTORS' ACTIVITIES:

The inspectors have done a magnificient job in collecting both fertilizer and insecticide samples during the past year. A total of 1653 insecticide samples and 5663 fertilizer samples were procured. Insecticide samples certainly have a pungent odor, especially where they have been stored in a hot, closed warehouse. They, too, have done an excellent job in stopping the sale on lots found deficient by the laboratory, thereby eliminating a farmer applying deficient insecticides. The same is true for fertilizers.

WEIGHT IRREGULARITIES:

Name of Company	No. Bags and Grade	Short Per Bag (lbs)	Action By	Rec. Fine
1. Armour Agric. Chem. Co.	40 sxs. 4-12-12	2.9	Altman	$35.00
2. Etiwan Fertilizer Co.	200 sxs. 15-0-14	1.2	Altman	50.00
3. Molony Fertilizer Co.	100 sxs. 20.5 N.	1.5	Altman	35.00
4. Shipyard River Terminal	400 sxs. Chilean Soda	.6	Altman	50.00

INFORMATIONAL REPORT ON THE REGULATORY ACTIVITIES

OF THE

SOUTH CAROLINA STATE CROP PEST COMMISSION

The following information highlights the regulatory activities of the Crop Pest Commission for the period May 1 - September 15, 1962.

ECONOMIC POISON LAW

During this period, 567 pesticide products were registered and fees totalling $3,620 were collected. To date during 1962, 274 companies have registered 3,750 products and paid fees totalling $43,950. Thirty-two (32) fertilizer companies have registered 146 pesticide-fertilizer mixtures.

Eight hundred and twelve (812) economic poison samples were collected and chemically analyzed during the second quarter. One hundred and thirteen (113) samples or 13.9% were deficient in one or more components. A preponderance of the deficiencies, 67 or 59.3% were found in dust formulations containing methyl parathion. Of the 81 samples collected containing dust formulations of methyl parathion 67 or 82.7% were deficient. The deficiencies have been reported to the dealers and/or manufacturers and numerous stop sale orders issued. Every effort possible is being made to determine the cause of the deficiencies. It is suspected that the trouble is due to a break down of the chemical during the formulation process or immediately afterwards.

ABANDONED ORCHARD LAW

An abandoned orchard consisting of some 70 acres of peach trees near Monetta owned by Mrs. M. B. Watson has been removed. Mrs. Watson voluntarily removed the trees and no legal action was necessary. Also, owners of two small peach orchards near Trenton have been contacted and it is expected that the trees will be removed shortly.

BEE DISEASE ACT

Seven hundred and eight (708) colonies of bees were inspected in 13 counties for 20 beekeepers. Seventy-one (71) colonies were found infected with disease: 2 with Sac Brood and 69 with American Foulbrood.

CROP PEST ACT

Nursery Inspection:

The majority of South Carolina Nurseries have been inspected. There are at present in excess of 400 nurseries in the state that require inspection at least once annually. An attempt is being made to inspect most nurseries twice annually, but lack of personnel has made this difficult. Compliance calls to see that those nurseries having insect and plant disease problems have been taken care of make it almost impossible to re-visit the better cared for nurseries. In general, nurseries have been in much better condition this year than in the past.

Sweet Potato Inspection:

The acreage of sweet potatoes planted for seed purposes increased slightly. The increase in acreage was primarily of the Centennial variety. In 1961 there was no wilt found in Centennial plantings. In 1962 excessive wilt was found in 19% or 78 acres of the plantings and were turned down. There are indications that wilt does not show up until the second year from foundation seeds. Varietal mixing was evident in many fields of Centennial sweet potates and they were turned down. Some varietal mixtures were found in plantings from Louisiana purchased seed and some from South Carolina growers.

Of the seven varieties more commonly planted the Porto Rico variety appears to be the most susceptible to wilt. Car-O-Gold and Golden Nugget are probably the least susceptible.

Field inspections were made for 72 growers in 20 counties totalling approximately 700 acres.

CAMELLIA FLOWER BLIGHT QUARANTINE

Several repercussions have occurred since the revision of the quarantine in April of this year. The several nurserymen involved claim that the quarantine is jeopardizing their business and that it is impractical. They have, however, been very cooperative and are handling plants in a satisfactory manner to prevent the spread of the disease. The nurserymen further maintain that although the nursery industry does not spread the disease the Camellia fancier will. It is impossible for the limited number of inspectors in the Crop Pest Commission to control this source of spread.

COOPERATIVE PROJECTS WITH THE UNITED STATES DEPARTMENT OF AGRICULTURE

The Plant Pest Control Division of the United States Department of Agriculture has advised that expenditures for the control programs in the future will have to be on a much more equitable basis with regards to state matching funds. It appears now that the only program the United States Department of Agriculture can continue to finance without equal matching funds from the state is the program against Witchweed. Unless some financial assistance can be given immediately South Carolina stands to lose ground on all programs that are now in progress.

The following programs and there present status include:

1. Japanese Beetle:

Present plans call for a Federal Japanese Beetle Quarantine to go into effect September 21, 1962. A companion state quarantine is being prepared. The counties of Cherokee, Dillon, Greenville, Marlboro, Oconee, Pickens and Spartanburg have been specified as generally infested areas (generally infested areas are those where

Japanese beetle infestations are so widespread that control or eradication measures are not practicable with available facilities), and Aiken, Florence, Lexington and Richland Counties as suppressive areas (suppressive areas are those where infestations are limited in population or extent, and control or eradication measures are practicable.)

All nurseries that have been found to be infested with Japanese Beetle have been treated with an approved pesticide to minimize the threat of long distance spread.

2. Imported Fire Ant:

Following the controversy in the spring concerning post larval shrimp an agreement was reached with the South Carolina Wildlife Resources Commission whereby 26,000 acres infested with imported fire ants were treated in Charleston and Berkeley Counties.

During a recent conference with Dr.Lunz of the South Carolina Wildlife Resources Commission, he indicated that the imported fire ant treatment had no detectable effect on the shrimp; in fact, shrimping in the Charleston area was better this summer than anytime during the past five years.

At a conference with the United States Department Of Agriculture regulatory personnel on August 14 plans were developed to treat all of the remaining area in this state known to be infested with the imported fire ant. This treatment was to cover approximately 72,000 acres in the Charleston area and 40,000 acres in Orangeburg Mirex bait was to be used. The estimated cost of this treatment was approximately $100,000. At that time the United States Department of Agriculture representatives indicated they could supply the majority of the funds, but on September 12 the United States Department of Agriculture supervisor indicated that the restrictions placed on the 1962-63 imported fire ant appropriation require that the individual states request that the fire ant program be continued in the state and that the state,

county, city or individuals supply the required matching funds (one dollar for each federal dollar). This proposed program cannot be initiated until additional state funds are made available.

Large scale tests with Mirex bait have been very promising, in fact, it appears as if eradication of the imported fire ant is now possible if the necessary funds can be made available. Also, the use of Mirex bait greatly reduces the hazards to wildlife and residues on pasture and forage crops.

3. Phony Peach Disease:

Six temporary inspectors inspected 1,462,850 trees during July and August. Three hundred and twelve (312) infected trees were found and removed.

It is significant that in the counties where a vigorous wild plum eradication program has been carried on by the growers the incidence of phony peach disease has been reduced during the past few years to the point where there are fewer phony trees found in the entire county than were formerly found in one or two orchards.

4. Sweet Potato Weevil:

Work has continued on wild host eradication. Two temporary employees in Charleston and two in Beaufort do the actual herbiciding of wild hosts. Inspections have revealed no significant finds of weevils this year.

5. White-Fringed Beetle:

Inspections have revealed several extensions in Florence, Darlington, Orangeburg and Richland Counties. In addition a new infestation was found at Eloree in Orangeburg County. All of these areas have either been treated or are in the process of being treated.

6. Witchweed:

Herbicide operations against witchweed have progressed well. The third coverage by custom operators is well under way in most areas.

Survey has revealed only 85 new infested farms; none of which are far removed from old areas.

Operation Swift Strike II, the army maneuvers in the Carolinas, was completed during August. Approximately 70,000 troops were involved. Although maneuver headquarters were issued maps outlining infested areas vehicles and troops wandered into restricted areas and had to be cleaned prior to movement. At one point witchweed decontamination caused a halt in the war. The army was very cooperative in cleaning the equipment that was returned to areas outside the Carolinas.

The Witchweed Farm near Dillon continues to be a tremendous asset to the witchweed program.

FOREST INSECTS AND DISEASES

Forest Insects:

During this period, nearly all activities have been focused on the current epidemic of the southern pine beetle in several Piedmont counties. As indicated in an earlier report, a cooperative control project was drawn up between the United States Forest Service and the State Crop Pest Commission to be applied in Anderson, Oconee and Pickens Counties. At the time that this project was initiated (in February, 1962), these counties represented the heaviest areas of infestation. Since that time, there has been a population explosion in Abbeville, Greenville, Spartanburg, Laurens, Union, Cherokee, Chester and York Counties. In May, a 100 percent aerial survey was made in Anderson, Oconee, and Pickens Counties to detect bark beetle infestation areas. In late August, all of the infested counties were flown as part of the annual statewide aerial forest pest survey. This latter survey has shown more than one million infested trees in the epidemic area with above average populations present in Greenwood, Newberry, Fairfield, Kershaw and Lancaster Counties in addition to those named above.

At present, the State Crop Pest Commission is extending all available facilities to their fullest in cooperating with the State Commission of Forestry and private landowners in the attempt to stem the outbreak as well as to realize some return from beetle-killed timber.

Forest Diseases:

During this period activities have included:

1. An examination of approximately 50 specimen of disease of trees that were sent in by individuals requesting identification and information.

2. An examination of 35 cases of dead Oak Trees. Oak Wilt has not been identified in South Carolina. Heart rot is prevalent in the dead Oaks examined.

3. A survey was run on 6 plots of 100---200 pine trees to learn the amount of spread of *F. annosus*. This information is incomplete.

4. Assistance in the statewide aerial survey. The data concerning forest disease is being processed.

SOUTH CAROLINA STATE CROP PEST COMMISSION

Clemson, South Carolina

Japanese Beetle Quarantine

October 1, 1962

The fact has been determined that a destructive insect pest known as the Japanese Beetle has been found in certain areas in the State of South Carolina. In order to prevent the further spread of this insect in South Carolina, the South Carolina State Crop Pest Commission by virtue of authority vested in it by the State Crop Pest Commission Act of March 1912 hereby establishes a quarantine setting forth the name of the pest against which the quarantine is established, the regulated areas and the regulated articles, specifying the conditions governing shipments and the issuance of certificates or permits under which the regulated articles may be shipped.

1. PEST - Japanese Beetle (*Popillia japonica* Newn.), in any stage of development.

2. DEFINITION OF TERMS - For the purpose of this quarantine the following words, names, and terms shall be construed, respectively, to mean:

a. Japanese Beetle - The insect known as Japanese beetle (*Popillia japonica* Newn.), in any stage of development.

b. Infestation - This term refers to the presence of Japanese beetle.

c. Generally Infested Area - Those areas where Japanese beetle infestations are so widespread that control or eradication measures are not practicable with available facilities. Movement of materials from these areas is regulated to prevent spread of the pest to non-infested areas.

d. Suppressive Areas - Those areas where infestations are limited in population or extent, and control or eradication measures are practicable.

e. Noninfested Premises, Establishments, Or Areas - That portion of the regulated areas in which no infestation exists, or in the vicinity of which no infestation is known to exist under such conditions as to expose it to infestation by natural spread of beetles, as determined by an inspector.

f. Regulated Articles - Soil, and other articles and products, and means of conveyance, the movement of which is regulated by the Japanese beetle quarantine.

g. Soil-free, Free From Soil - Devoid of soil in quantities sufficient to harbor immature stages of the Japanese beetle.

h. Inspector - An inspector of the South Carolina State Crop Pest Commission or United States Department of Agriculture, Plant Pest Control Division.

i. Certificate - A valid form evidencing compliance with the requirements of these regulations.

3. REGULATED AREAS

A. Generally Infested Areas - Entire counties of: Cherokee, Dillon, Greenville, Marlboro, Oconee, Pickens, and Spartanburg.

B. Suppressive Areas - Entire counties of: Aiken, Florence, Lexington, and Richland.

C. Other Areas - Any other area in the State of South Carolina found to be infested. Such areas to become immediately subject to the regulations of this quarantine when so declared by the State Entomologist of the South Carolina State Crop Pest Commission through the publication of a notice to that effect in the local newspapers, or through direct written notice to those concerned.

4. REGULATED ARTICLES

A. Unless exempted and except as otherwise provided, the intrastate movement of the following articles from regulated areas to points outside the regulated area is subject to the regulations of this quarantine.

a. Soil, humus, compost and decomposing manure.

b. Forest, field, nursery, or greenhouse grown woody or herbaceous plants with roots.

c. Grass sod.

d. Plant crowns or roots for propagation.

e. True bulbs, corms, tubers and rhizomes of ornamental plants, when freshly harvested or uncured.

f. Other farm products and trucks, wagons, railway cars, aircraft, boats and other means of conveyance and unlimited by the foregoing, any other article and products of any character whatsoever not covered by a. - e. of this paragraph when it is determined in accordance with the regulations that they present a hazard of spread of Japanese beetle.

5. ARTICLES EXEMPT FROM CERTIFICATION

A. The following articles are exempted from the requirements of paragraph 4 under the conditions set forth herein.

a. Humus, compost, and decomposed manure, when dehydrated, ground, pulverized, or compressed.

b. True bulbs, corms, and tubers (other than dahlia tubers), when dormant, except for storage growth, and when free from soil.

c. Single dahlia tubers or small dahlia root-divisions when free from stems, cavities, and soil. (Dahlia tubers, other than single tubers or small root-divisions meeting these conditions, are not exempted and must comply with the regulations regarding regulated articles.

d. Plants when growing exclusively in Osmunda fiber or chipped or shredded bark.

e. Trailing arbutus or Mayflower (Epigaea repens), when free from soil.

f. Moss, clubmoss, and ground-pine or running-pine, when free of soil.

g. Soil-free aquatic plants.

h. Soil-free sweet potato draws.

i. Soil-free rooted cuttings, which, at the time of shipment, have not developed a root system sufficient to conceal larvze of the Japanese beetle.

6. CONDITIONS GOVERNING INTRASTATE MOVEMENT OF REGULATED ARTICLES

a. Except as provided in paragraph 7 regulated articles shall not be moved intrastate from the regulated areas as specified to points outside the regulated areas, unless a certificate shall have been issued in compliance with paragraph 7. Regulated articles may move from suppressive areas to generally infested areas, but will not be allowed to move from generally infested areas to suppressive areas without certification.

b. Marking - Every container of articles, the intrastate movement of which is restricted as provided in paragraph 4, shall be plainly marked with the name and address of the consignor and the name and address of the consignee, when offered for shipment, and shall have securely attached to the outside a valid certificate issued in compliance with these regulations: Provided, that (1) in the case of lot freight shipments other than by road vehicle, a certificate attached to one of the containers and another certificate attached to the waybill will be sufficient, and carlot freight or express shipments, either in containers or in bulk, require a certificate attached to the waybill; (2) in the case of shipment by road vehicle, the certificate shall accompany the shipment and shall be surrendered to the consignee upon delivery of the shipment.

c. Articles originating outside the regulated area - No certificates are required for the intrastate movement of restricted articles originating outside the regulated areas and moving through or reshipped from a regulated area, when the point of origin is clearly indicated, when the identity has been maintained, and when the articles are safeguarded against infestation while in the regulated areas.

7. CONDITIONS GOVERNING THE ISSUANCE OF CERTIFICATES

a. Certification of regulated articles. Certificates may be issued for the movement of the regulated articles under any one of the following conditions:

(1) When, in the judgment of the inspector, they have not been exposed to infestation.

(2) When they have been examined by an inspector and found to be free of infestation.

(3) When they have been treated under the observation of an inspector and in accordance with methods selected by him from administratively authorized procedures known to be effective under the conditions applied.

b. Safeguards against reinfestation - Subsequent to certification, as provided in paragraph a. of this section, the regulated articles must be loaded, handled, and shipped under such protection and safeguards against reinfestation as are required by the inspector.

8. ASSEMBLY OF RESTRICTED ARTICLES FOR INSPECTION

Persons intending to move intrastate any of the articles restricted by these regulations shall make application for inspection as far in advance as possible and will be required to prepare, handle, and safeguard such materials from infestation, and to assemble them at such points as the inspector shall designate, placing them so that inspection may be readily made. All costs including storage, transportation, and labor incident to inspection, other than the services of the inspector, shall be paid by the shipper.

9. CANCELLATION OF CERTIFICATES

Certificates issued under these regulations may be withdrawn or cancelled by the inspector and further certification refused whenever the further use of such certificates might result in the dissemination of infestation.

10. INSPECTION IN TRANSIT

Any car, vehicle, basket, box or container moved intrastate or offered to a common carrier for shipment intrastate, which contains or which the inspector has probable cause to believe contains either infestations, infested articles, or articles the movement of which is restricted by these regulations, shall be subject to inspection by an inspector at any time or place, and when actually found to involve danger of dissemination of Japanese beetle to uninfested localities, measures to eliminate infestations may be required as a condition of further transportation or delivery.

11. CLEANING OF TRUCKS, WAGONS, CARS, BOATS, AND OTHER VEHICLES AND CONTAINERS

When in the judgment of the inspector a hazard of spread of infestation is presented, thorough cleaning of trucks, wagons, cars, boats, and other

vehicles and containers may be required before movement intrastate to points outside of the regulated areas.

12. SHIPMENTS FOR EXPERIMENTAL AND SCIENTIFIC PURPOSES

Articles subject to restriction in these regulations may be moved intrastate for experimental or scientific purposes, on such conditions and under such safeguards as may be prescribed by the South Carolina State Crop Pest Commission. The container of articles so moved shall bear, securely attached to the outside thereof an identifying tag from the South Carolina State Crop Pest Commission.

13. PENALTIES

Any person or firm who shall violate the regulations of this quarantine or who seeks to prevent the inspection or control of Japanese beetles which may occur on their property under the direction of the Entomologist of the South Carolina State Crop Pest Commission or its inspectors shall be deemed guilty of a misdemeanor and upon conviction will be punished by law as provided for by the South Carolina State Crop Pest Commission Act of 1912.

REPORT ON DEVELOPMENT AND PUBLIC RELATIONS

to the

Board of Trustees

October 26, 1962

The Committee on Development and Public Relations met at Clemson on September 27, 1962. Members of the Committee present were A. M. Quattlebaum, presiding, Paul Quattlebaum, Jr., and J. C. Self. Also in attendance was L. D. Holmes.

Members of the College staff present included R. C. Edwards, F. J. Jervey, J. K. Williams, M. A. Wilson, W. T. Cox, J. E. Sherman, H. H. Macaulay, O. B. Garrison, T. D. Efland, S. G. Nicholas, R. W. Henningson, and G. E. Metz.

The Committee reviewed and approved overall plans for the Women's Dormitory as recommended for approval of the Board under Item 23 of the recommendations for consideration at this meeting of October 26, 1962. Informational reports as reviewed by the Committee and presented herewith include an Interim Report on Research and a Report on Public and Alumni Relations.

INTERIM REPORT ON RESEARCH AT CLEMSON COLLEGE

SINCE MAY 1, 1962

INTERIM REPORT ON RESEARCH AT CLEMSON COLLEGE
SINCE MAY 1, 1962

Annually in May a survey is made of research done by the faculty during the previous twelve months, and a detailed report is presented to the Board in June. The last three annual surveys have shown the following:

RESULTS OF ANNUAL SURVEY OF RESEARCH DONE AT CLEMSON

	Year Ending		
	May 1960	May 1961	May 1962
Number of titles listed	136	218	*
Number of faculty reporting research completed	57	84	126
Percent increase in faculty reporting research	--	47%	50%

* A new system for listing titles was used in 1962 so that the results are not comparable with previous years.

These surveys are indicative of the increased interest that is being shown in research at Clemson. During the past five years the graduate program at Clemson has shifted toward the scientific disciplines and has grown rapidly in these areas. Research, which is an integral part of these graduate curriculums, has grown even more rapidly.

Faculty research is thus increasing with much speed, and the next annual report should show continued growth although perhaps not at the high rate realized during the last two years.

Agriculture continues to be the area with the greatest research commitment. Its budget for the coming year calls for expenditures of $2.2 million for research.

Partly as a result of classes offered to faculty members last year by the new computer center, the research faculty in agriculture are increasingly calling on the computer to analyze and solve problems that would otherwise be too time consuming or even impossible to solve. Research people in forestry are

feeding into the computer a vast amount of data they have gathered from their forests, and researchers in agricultural economics are seeking solutions to problems of optimum farm size and product output by having the computer take into account more variables than they could otherwise handle.

As evidence of the expanding activities and interests of the research faculty in agriculture, since July 1, 1962, the following research projects have been or are being initiated by the Agricultural Experiment Station:

AGRICULTURAL RESEARCH BEGUN SINCE JULY 1, 1962

The effect of additives in the rations on the performance of specific pathogen free pigs

The influence of annual applications of phosphorus and potassium on the level of readily-available soil phosphorus and potassium

The influence of sub-soil potassium of crop response and soil test ratings

Consumer responses to food promotion and education programs

Social and economic implications of the changing population in S. C.

Relation of stinkbug damage to the loss of market value of soybeans and methods for reducing the loss

Causes of reproductive failure in beef cattle

A determination and economic evaluation of the market structure of broilers in S. C.

Biology and control of soybean insects

Analysis of conservation benefits and the economics of mulch planting and minimum tillage

Development of the intestinal microflora in chickens and its secondary role in infectious disease

Biology and control of insects (pests) attacking ornamental plants

Pedological studies relating to S. C. soils, soil mapping and soil classification

A study of certain factors affecting the market quality of S. C. cotton seed

Clothing practices of families and individuals in S. C.

A Study of family living courses in S. C. high schools

Development and analysis of foods for vending

Research on the physiology and control of the alfalfa weevil and other insects attacking alfalfa

An investigation of the host relationships of the pathogenic fusaria of the section elegans as a basis for their classification

Comparison of blackstrap molasses and ground shelled corn in wintering rations for steers

Growing tomatoes in plastic greenhouses

Wintering rations for beef cows

Diet for artifically reared SPF pigs

In addition, some potentially outstanding crop varieties, such as Polaris cucumber, Pixie cucumber, Early Marconi barley, and Hardee soybean, have been or are being released in the current quarter.

The Textile Research Department has been working to improve its research laboratory facilities. The Department sent requests to certain foundations and textile firms for funds to equip its laboratories and two grants of $7,500 each were received for chemical research laboratories. Two more grants are in prospect.

When the first two laboratories are placed in operation in about thirty days, the chemical research staff will, for the first time, have adequate space, properly equipped for the research work they are conducting. In addition, some of the staff members who are supervising graduate research will have facilities within the laboratories to provide work space for the assigned graduate students.

The Department continues to operate largely on a sponsored basis, with most of the privately supported projects being sponsored by firms that supply the textile industry, such as the chemical and chemical fiber companies. The most active projects are those associated with stream pollution caused by the use of starch as a warp size. The major chemical companies are interested in developing a material suitable for sizing textile yarns which will cause no problem as an effluent when removed from the fabric. Currently three sponsored

projects are underway to evaluate such products.

In engineering, Mr. Stanley G. Nicholas became Director of Engineering Research on March 1, 1962, and has been working successfully to help engineering faculty members obtain financial support for projects they would like to undertake.

Since April 1 of this year the following engineering research projects have been approved:

ENGINEERING RESEARCH PROJECTS APPROVED SINCE APRIL 1, 1962

Title of Project	Principle Investigator	Source	Amount
Mass Spectrometer Gas Analysis	Dr. W. B. Barlage	G. E. Company	$ 640.00
Clemson Airport Soil Analysis	Prof. J. P. Rostron	John Talbert Assoc.	646.00
Water Quality-Hartwell Reservoir	Prof. J. M. Ford	S. C. Water Pollution Control Authority	5,000.00
Sewage Lagoon Performance	Dr. G. F. Meenaghan	S. C. Water Pollution Control Authority	6,500.00
Chemical Reaction Kinetics	Dr. R. C. Harshman	S. C. State Funds	5,400.00
Rocket Engine Investigation	Prof. W. C. Elrod	S. C. State Funds	7,600.00
Heat Transfer Dissociated Gases	Dr. A. C. Elrod	S. C. State Funds	7,400.00
High Power Microwave Study	Dr. J. C. Martin	S. C. State Funds	4,200.00
Improved Sewage Treatment	Dr. L. G. Rich	S. C. State Funds	10,204.44
Air Pollution Study	Dr. F. C. Alley	Public Health Service	31,065.00
Continuation of Lagoon Studies	Dr. G. F. Meenaghan and Dr. F. C. Alley	S. C. Water Pollution Control Authority	9,325.00
Continuation of Lake Study	Prof. J. M. Ford	S. C. Water Pollution Control Authority	4,790.00
			$92,566.00

In addition to these research projects, two graduate engineering training programs have been approved by the Public Health Service and will receive $222,800 of support from PHS.

There are in addition to the above projects already approved, four more projects totaling $106,500 that have been submitted to three agencies.

To give some perspective to these figures, the Engineering Experiment Station at Georgia Tech employs 350 persons and has an annual budget of $4.5 million. Relative to this, our engineering research is small. But engineering research at Clemson is growing. Two years ago in the year ending June 1, 1960, there was one research project of $15,575 in the School of Engineering. During the succeeding year five projects amounting to $22,500 were approved. In this light, the previous figure of $92,566 in six months indicates rapid growth.

Outside the three areas that have directors of research, faculty members are also busy improving their skills and adding to the store of human knowledge. In Chemistry four professors are working on seven projects which have received $46,210 of support. In several other fields, such as physics, geology, history, architecture, and industrial management, active research projects are underway and these should lay the foundation for subsequent outside support. The Faculty Basic Research Committee has helped in laying this foundation by allocating during the past year $8,500 to eight faculty members to support their research projects.

Research is one of the major functions of any large college. This function is being emphasized and expanded rapidly at Clemson.

9/24/62

PUBLIC AND ALUMNI RELATICNS

The Office of Public and Alumni Relations has carried on "business as usual" and was gratified to receive three national recognitions for the manner in which it is discharging its mission. While no new programs of particular note have been launched, apparently old ones were of good quality.

The Alumni Cffice received its third national award in four years. The latest was one of two Honorable Mention Awards for "Improvement in the Development of Alumni Giving' among State Institutions." The award was conferred by the American Alumni Council at its 47th Annual Conference. The University of Kansas won the top award, there was no "second place" and Clemson and the University of Colorado received Honorable Mention. The awards program is financed by the United States Steel Foundation.

The Public Relations Office received two national first place awards presented by the American College Public Relations Association.

One award says: "The American College Public Relations Association in recognition of meritorious service to higher education confers upon Clemson College the 1962 Award for Distinguished Achievement in Public Relations for its Information Bureau Operation." In principle, the award was for the educational news feature service prepared at Clemson and distributed through the Associated Press.

The second award says: "The American College Public Relations Association in recognition of meritorious service to higher education confers upon Clemson College the 1962 Award for Distinguished Achievement in Public Relations for its Audio Visual Materials." This award was for the 16mm sound-color motion picture "THIS IS CLEMSON."

Both awards were the highest ACPRA confers in the areas indicated.

REPORT ON EDUCATIONAL POLICY AND STUDENT AFFAIRS

to the

Board of Trustees

October 26, 1962

The Committee on Educational Policy and Student Affairs met at Clemson September 27, 1962. Members of the Committee present were James C. Self, presiding, L. D. Holmes, A. M. Quattlebaum, and Paul Quattlebaum, Jr. Others in attendance were R. C. Edwards, J. K. Williams, W. T. Cox, M. A. Wilson, F. J. Jervey, H. H. Macaulay, K. N. Vickery, and G. E. Metz.

An Informational Report of the Dean of the College and the Dean of Student Affairs was reviewed with the Committee as presented herewith. Other informational items presented at the meeting included the Manual for Faculty Members, June 1962, as distributed to the Committee, a report on test scores of entering students, and President Edwards reported to the Committee on a recent meeting of the Council of Presidents of the State institutions of higher learning.

INFORMATIONAL REPORT: DEAN OF THE COLLEGE AND DEAN OF STUDENT AFFAIRS

SEPTEMBER, 1962

INFORMATIONAL REPORT: DEAN OF THE COLLEGE AND DEAN OF STUDENT AFFAIRS

I. ANALYSIS OF TEACHING AND RESEARCH FACULTIES, SEPTEMBER 15, 1962

Number. The combined faculties of the College number 371, including 19 women and 352 men. As shown in Table I below, the total number is an increase of twelve over September, 1960, and a decrease of four below September, 1961.

TABLE I: SIZE OF FACULTY

School	1960	1961	1962
Agric.	146	153	152
Archit.	13	14	15
A & S	103	121	117
Engr.	73	65	60
IM-TS	24	22	27
	359	375	371

The increase in Agriculture over 1960 is in connection with research programs. The decrease in Engineering is the result of a policy whereby graduate student assistants are no longer counted as instructors. The increase in IM-TS (1962 over 1961) reflects the fact that the IM department has been moved from Arts and Sciences to Textiles.

Of the 371 people, 234 are employed for teaching alone; 72 are employed to do both teaching and research; and 65 are employed as full-time researchers.

During 1961 four faculty members retired due to age and 26 resigned. Of those who resigned, six did so involuntarily. Of the 20 who resigned voluntarily, eleven were encouraged to do so. One of the nine men which the College desired to retain left to accept a deanship at another college; two entered industrial organizations; and six were attracted to other teaching positions elsewhere.

In addition to these faculty members resigning and retiring, six were granted leave without pay and five already on leave were granted extensions.

Rank. Although the faculties have increased numerically since 1960, the number in the two upper ranks has decreased. This is in line with policy which aims at bringing our four-place rank system in line with that followed by most universities. Data on faculty ranks in 1960 and 1962 are:

TABLE II: FACULTY RANK

School	Professor		Associate		Assistant		Instructor	
	1960	1962	1960	1962	1960	1962	1960	1962
Agriculture	41	38	57	59	40	46	8	9
Architecture	1	3	6	4	3	7	3	1
A & S	27	23	34	26	24	41	18	27
Engineering	16	15	29	26	15	18	13	1
IM-TS	7	6	11	11	6	8	0	2
TOTALS	92	85	137	126	88	120	42	40

The table above indicates that 65 per cent of the 1960 faculties was ranked as professor and associate; whereas 57 per cent of the 1962 faculties is so ranked.

Faculty Training. The percentage of the faculties holding doctoral and doctoral equivalent degrees continues to rise, and the percentage of the faculties holding bachelor's degrees only continues to drop. Advances in doctoral degree strength in the School of Engineering are especially noteworthy. By February, 1963, three additional engineering teachers are expected to have their doctorates.

TABLE III: FACULTY DEGREE STRENGTH IN PER CENT

School	Doctoral or equiv.		Masters		Bachelors	
	1960	1962	1960	1962	1960	1962
Agriculture	59.0	59.7	37.0	33.3	4.0	7.0
Architecture	62.5	53.3	18.8	33.3	18.7	13.4
A & S	32.1	38.2	62.6	58.6	5.3	3.2
Engineering	19.6	28.4	62.3	61.7	18.1	9.9
IM-TS	11.5	14.8	82.3	74.1	6.2	11.1
TOTALS	33.8	44.1	57.5	49.2	8.7	6.7

Faculty Salaries. Salaries of teachers and researchers were increased again this year on a merit basis, as reflected in Table IV on the next page. As the result of steady salary increases since 1956, Clemson is now competitive

with the average college in the Southeast and midwest. We remain from $400 to $1200 per rank below the median for all Land-Grant Colleges, and do not compete salarywise with the New England, Middle Atlantic, or far Western states.

TABLE IV: 1962 FACULTY SALARY DATA

RANK	HIGH	LOW	MEDIAN SALARY FOR NINE MONTH FACULTY	NINE-MONTH MEDIAN SALARY FOR TWELVE-MONTH FACULTY	AVERAGE SALARY INCREASE, 1962 OVER 1961
Professor	$12504	$6444	$9554	$8910	$501
Associate	9804	6180	7866	7416	416
Assistant	8628	5304	7034	6336	519
Instructor	6000	4596	5288	5100	324
All ranks	12504	4596	7508	7008	484

The obvious difference in salary for nine and twelve month faculty is a matter of concern and is being given serious study by all concerned.

Educational Cosmopolitanism. The 1962-63 Clemson faculty represents 159 different colleges and universities located in forty-two states and seven foreign nations. Master's degrees were earned at 73 different universities and doctor's degrees at 41. The largest number of master's degrees (41) were earned at Clemson, followed by the University of North Carolina (16), N. C. State (14), Duke and the University of Tennessee (13 each). The largest number of doctorates were earned at Cornell (14), followed by the University of Wisconsin (13), the University of North Carolina (10), Ohio State and N. C. State (9 each).

II. THE GRADUATE SCHOOL: 9/61-9/62 REPORT.

The Graduate School continued its growth during the period 9/61-9/62 with the adoption and institution of new programs, an increase in the number of graduate students and graduate fellowships, and a continuation in the expansion of research throughout the College.

New Programs. During the year the Graduate Council approved four new curricula:

--(A) A new program leading to the Ph.D. in Materials Engineering will be offered beginning in September 1962. Attention in the curriculum is focused upon materials utilized in electronic products, parts for spacecraft, and components of nuclear reactors. Courses provide an understanding of the behavior, analyses, and application of ceramics, metals, and plastics. Major emphasis is placed on the atomic, molecular, and crystalline structure of the materials for the explanation of their behavior. Over sixty-five courses are to be offered, drawn from departments in four disciplines (chemistry, physics, ceramics, and metallurgy).

--(B) The Chemical Engineering Department will, after September 1962, offer work leading to the doctorate. This program and Materials Engineering programs are the first doctoral curricula in Engineering in the State.

--(C) The department of Industrial Management will, after September 1962, offer work leading to the M. S. degree.

--(D) In conjunction with the new B. A. program offered by the College, a new M. A. program in Economics has been approved to begin in September 1963. The faculty in economics has previously offered graduate courses which serve as a minor for students majoring in other fields.

Enrollment. Graduate School enrollment in September 1961 was 159 students, up nearly ten per cent from the 146 students one year earlier.

Enrollment in September 1962 is 175 students, an increase of ten per cent over 1961.

Not only is the number of students rising but practically all these students are full-time. (In many graduate schools, particularly in urban areas, a large part of their graduate student body is made up of persons who come after working hours and take only one course during a semester.) Further, a

larger proportion of the graduate students are working toward the Ph. D. degree. Four years ago only one student was enrolled in a doctoral program at Clemson; in September 1962 there are 28.

Fellowships. During the year the College received the following new fellowships for graduate students:

Donor	Amount
Chemstrand Corporation	$4,000
Eastman Kodak	2,500
Babcock & Wilcox	650
Clay Products Service	1,500
Coker Pedigreed Seed Company	2,400
E. C. McArthur Memorial Fellowship	3,000
National Science Foundation	3,000
National Defense Education Act	15,000

In addition, the Gulf Oil Corporation donated $1,000 to the Physics Department for use in their graduate program.

Other fellowships worth $38,000 (including $10,000 from the Alumni Loyalty Fund) are in force, having been continued from 1961.

Research. The annual report of faculty research published in May 1962 listed scholarly publications and papers presented to scholarly organizations by 126 Clemson faculty members, a 50 per cent increase over the 84 who reported such publications the previous year (which in turn represented a 47 per cent increase over the faculty members reporting publications in the year preceding that).

Of particular interest and benefit to the faculty has been the continuation and growth of funds for basic research.

This year the basic research fund included $6,000 from the Alumni program and $2,500 from the National Science Foundation. These dollars, placed at the disposal of the Faculty Basic Research Committee, have supported eight projects for which industrial and/or foundation grants were not available.

Advanced Degrees Earned, 9/61-9/62. Seventy-three advanced degrees were earned at the College during the year, including 69 Master's and 4 Doctor's

degrees. A total of 511 advanced degrees have now been awarded at Clemson since 1924. Fifty-nine per cent (302) of these have been earned since the reorganization of the Graduate School in 1958.

III. UNDERGRADUATE PROGRAMS: NOTES OF INTEREST

--Agriculture. A five-man Committee from the Society of American Foresters will visit Clemson on October 18-19 in order to determine the eligibility of the Forestry Department for national accreditation. The Committee includes Dr. Paul Y. Burns, School of Forestry, Louisiana State University; Dr. K. P. Davis, School of Natural Resources, University of Michigan; Dr. W. F. McCulloch, School of Forestry, Oregon State University; Professor Ernest Wohletz, College of Forestry, University of Idaho; and Mr. Henry Clepper, Secretary, Society of American Foresters.

The department expects to be recommended for full accreditation.

--Architecture. Student applications again this year exceeded space available in this school, and a large number of out-of-state applicants were turned down. No qualified South Carolina resident was refused admission, however.

The new curriculum in Building Construction is underway, with twenty students enrolled as of September 20.

--Arts and Sciences. The Bachelor of Arts program is now fully inaugurated, and 114 students are majoring in fields leading to the B. A. degree. Eighty students have transferred to the B. A. program from other schools of the College.

The School of Arts and Sciences has just initiated a program of teaching certain courses in mathematics and economics through the use of the facilities of the South Carolina Educational Television organization.

The department of mathematics is offering via the ETV tapes two sections of remedial math; and the department of social sciences is offering one section of sophomore economics.

In each case careful steps have been taken to insure quality controls.

Professor J. L. Flatt in mathematics has worked out a program whereby we will be able to compare educational results of ETV classes with regular teaching methodology, and we will keep the Board informed of developments.

--Engineering. The School of Engineering is continuing its efforts to revitalize its undergraduate curricula and to complement them with strong programs of graduate instruction and research. At the undergraduate level, a new curriculum in metallurgical engineering has been introduced to accommodate the growing needs for metallurgical engineers in the Southeast. A comprehensive study has been initiated by the engineering department heads to determine what changes should be made in the undergraduate curricula in engineering to best prepare graduates for positions of responsibility in current and future engineering technology. Special cognizance is being taken of the growing responsibilities and professional stature of the engineer.

In response to the growing concern over the lack of qualified personnel available for employment in the water pollution field, plans are being developed to extend the Water Resources Engineering Program to the doctorate level. A sum of $222,800 has been earmarked for Clemson by the U. S. Public Health Service in support of this development over the next five years. Although some of the money is to be spent on laboratory equipment, the bulk is scheduled for graduate student stipends. Additional support in the form of research grants and research personnel has been committed to Clemson by the same agency.

--Industrial Management and Textile Science. The consolidation of the School of Textiles and the Industrial Management department into the "School of IM-TS" has taken place smoothly, and all Industrial Management teachers and classes are now housed in Sirrine Hall.

The Textile Chemistry department has received two gifts ($7,500 each) to equip research laboratories. The gifts are from the Gregg-Graniteville

Foundation and the Springs Cotton Mills. Each organization has requested that no newspaper publicity be given to the gifts.

With the June publication of Mr. Warren Pillsbury's lecture "Collateral Effects of Highway Improvements in Highway Location Decisions," the I.M. department completed Volume One in its newly inaugurated series, "Lectures in Industrial Management." Other published lectures this past academic year were "Some Aspects of Collective Bargaining and the Grievance Procedure at Southern Bell" by Mr. Lyman B. Woodard, General Personnel Manager for Southern Bell in South Carolina and "Achieving Effective Production and Inventory Control" by Mr. Frank Guerreri of the Jacobs Manufacturing Company.

IV. THE 1962 SUMMER SESSIONS

Beginning with the summer of 1962 Clemson College inaugurated two summer sessions of six weeks each. These two sessions in the summer and the two semesters from September until June now put the academic program of the College on a twelve-month basis.

The decision to offer two summer sessions of six weeks each instead of the one session of nine weeks, which we had been having, was based on the desire to serve more students by affording them the opportunity of coming to one or both sessions. Incidentally it has made possible the employment of more faculty members who have been able to supplement their income with summer teaching. The following table shows the attendance, the faculty, and the instructional budget for the two sessions this past summer.

	Students	Faculty	Instructional Budget
First Session	1,386	81	$ 86,949
Second Session	914	48	48,449
	2,300	129	$135,398

These figures compare favorably with the summer of 1961 when there was only one session. Then the enrollment was 1276, the faculty was 73, and the instructional budget amounted to $96,737. We have taught 1024 more students this summer than we did last summer.

One of the most encouraging aspects of this past summer's work has been the way in which students and faculty have adapted to the accelerated pace required by a shorter session. This has been done without any relaxation of the standards which prevail during the regular year. Classes in the summer have not been easier.

Within a few weeks planning for the 1963 summer sessions will begin. Departments will be asked to submit their courses and schedules by November 1, and it is hoped that the summer catalog will be ready for distribution by February 1, 1963.

During the 1962 summer two special institutes and numerous short courses were held on campus. The College proposes to further expand these, and to extend them into regular academic sessions as well.

The Summer Institute for High School Teachers of Science and Mathematics had 65 students enrolled in it and employed seven members of our faculty. This institute, which lasted for six weeks, was made possible by a grant from the National Science Foundation. Its primary purpose was to strengthen the subject matter preparation of science and mathematics teachers at the high school level. Several outstanding lecturers were brought in to supplement the work of the regular instructors.

The Junior Engineers' and Scientists' Summer Institute (JESSI) enrolled boys and girls who were planning to enter the eleventh or the twelfth grade of high school in September, 1962, and who had successfully completed certain courses in high school mathematics and science. Eighty-one students participated in this institute which used twenty-five teachers and lecturers.

For the fifth summer the School of Industrial Management and Textile Science offered a short course program for the textile industry. Three-weeks courses were given in "Yarn Manufacturing," "Fabric Development," and "Supervisor Development." The courses in "Methods Analysis and Time Study" and "Methods Time Measurement" lasted two weeks. There were 88 students

enrolled in the entire program, one coming from as far away as California.

Two special programs in the Clemson Summer School were the nine-weeks program in forestry and the three-weeks program in industrial education. Each of these programs attracted the usual quota of students.

The School of Engineering offered a short course for Water and Sewage Works Operators on June 4-6, 1962.

A new institute which is planned for the summer of 1963 at Clemson is one for teachers of Sanitary Engineering and personnel who work in the regulatory agencies related to sanitation problems.

V. THE HONORS PROGRAM

The Clemson Honors Program begun last semester, is an attempt to give our best students the kind of education which they need and deserve. They meet in small classes with outstanding professors and explore the subject matter of a course in greater depth than other students are able to do. Last spring there were four honors sections - two in English, one in history, and one in mathematics. This fall there are ten honors sections on the freshmen and sophomore levels - one in chemistry, three in English, two in history, three in mathematics, and one in physics. Next February we shall need to begin offering honors work on the junior-senior level in the student's major department.

To remain in the Honors Program at Clemson a student must maintain an overall average of at least B. Ordinarily no student is allowed to take more than two honors courses in any one semester. The Honors Council has been pleased with the quality of our honors work and the support which it has received from students and faculty. At the present time there are 68 students taking honors courses taught by ten members of the faculty. When the program is fully implemented on all four levels of undergraduate instruction there should be from 150 to 200 students enrolled in it.

VI. STUDENT FINANCIAL AID

On July 1, 1962, scholarships, loans, and part-time jobs were transferred from the Placement Office into a separate office under a Supervisor of Student Financial Aids. This service will be closely associated with the admissions and registration activities, permitting more efficient administrative procedures and requiring less duplication of efforts and records.

Arnold M. Bloss has been employed as Student Financial Aid Supervisor. His principal duties are to administer student loan funds, part-time student employment, and coordinate scholarship aid other than athletic.

The Clemson application to participate in the National Defense Student Loan Program was approved, and our request for funds was granted in full. For the year 1962-63, Clemson will receive $121,600 from Federal Funds and $13,400 from State Funds or a total of $134,000.

For your information a summary of the operation of the NDSLP to date is given.

NATIONAL DEFENSE STUDENT LOAN PROGRAM

Loans Granted

Number	66
Total Amount	$40,450
Average Amount Per Loan	$ 612

Loans Not Granted

Number	19 (22%)
Reason	
No Financial Need	8*
Low Academics	13* (Eight will be reconsidered, end 1st semester)

* (Two in both categories)

Funds

Available Prior to January, 1963		
State	$13,400	
Federal	64,320	
	$77,720	$77,720
Less Total Granted	40,450	
Balance	$27,270	
Available (new loans) after January, 1963		
Federal	$56,280	56,280
AVAILABLE FOR 1962-63		$134,000

Pending

Applications in Process	64
Projected Approvals (Based upon Present Ratio)	50
Available per Projected Approval	$ 545

In addition to the NDSLP, Clemson is participating for the first time in a loan program offered by United Student Aid Funds -- an independent, non-profit service corporation and known as The College Reserve Program. The nature of this program is as follows.

After a deserving student completes his freshman year satisfactorily, he can borrow up to $1,000 per academic year on a non-profit basis from his hometown bank to a maximum total of $3,000. Each loan is protected by an endorsement in full by USA Funds. The student repays the loan in 36 monthly installments beginning 4 months after he leaves school. Interest maximum is 6% simple; may not exceed the bank's break-even rate.

To underwrite these nonprofit bank loans to its students, a college makes a deposit in the endorsement reserve of USA Funds.

This deposit may be withdrawn when it is no longer needed to back these loans. Each $1,000 deposited by a college serves as 8% security for $12,500 in loans to its students. Banks across the nation make these loans under the USA Funds program as a public service. All of the costly and time-consuming processes of making the loan, handling the paper and collecting the loan are handled by the banks and USA Funds.

Once a college makes its deposit in the endorsement reserve, USA Funds provides all forms and materials free of charge. No charges are made to the college for any service provided by USA Funds.

USA Funds will be self-sustaining when it reaches full operational level--returns from the investment of the reserve funds are expected to cover defaults, borrower life insurance premiums and administrative expenses.

In addition to NDSLP and USAF, the college has approximately $200,000 in loan funds.

VII. STUDENT COUNSELING

During the past two years Student Affairs and Health Service staff members have met bi-weekly with faculty, local religious workers, and clinical consultants from Greenville to consider ways of strengthening the college counseling services. Some improvement has resulted from developing lines of communication and referral procedures among faculty and present staff members.

In October 1961, a survey was made of the freshmen living in dormitories. About 1 out of 4 wanted help with their study habits, and 1 out of 5 felt they needed help in educational and vocational planning. Since Clemson offers such a wide range of educational opportunities, it appears that some assistance in course selection and career planning should be available to all students.

This fall each new student was given a copy of HOW TO STUDY by his faculty advisor during the orientation program. Residence hall counselors and Student Affairs staff members will work closely with faculty advisors and students in developing more effective study habits.

This September a counseling psychologist, Dr. Virginia S. Hardie, who will also teach courses in educational psychology, has been added to the Student Affairs office staff. The Placement Director will act as coordinator of counseling in order to provide the maximum benefit from these closely related student personnel services. Professional assistance will be available now to deal with psychological problems of all types that arise in the classroom, dormitory, and other areas of a student's life.

VIII. REPORT ON THE 1962 FRESHMAN CLASS

The new freshman class is the first admitted in which each member was considered in the light of the admissions policy adopted

by the Board of Trustees in June 1961. As a result of the implementation of this policy, the mean entrance examination score earned by the average freshman advanced 15 points over that achieved just one year ago. This improvement is shown below in some detail:

AVERAGE ENTRANCE EXAMINATION SCORES

	1961	1962
Agriculture	408	417
Architecture	467	474
Arts and Sciences	423	445
Engineering	457	470
Industrial Man. and Tex. Science	415	417
TOTAL	438	453

More important, however, is the significant improvement which has taken place in the quality of the high school record submitted by the present freshman. As recognized by the Board of Trustees when adopting the new policy, this record constitutes the best single indicator of the quality of academic work which can be expected from a given applicant. The number of students matriculated in 1962 who ranked in the various quartiles will differ slightly from that shown in the following table as the table was prepared several weeks ago and was based on accepted applicats expected to enter. There will be no real difference in the percentage column, however.

Comparison of Class Ranks of 1962 Accepted New Students with 1961 Enrolled New Students

Secondary School	1961		1962	
Class Rank	Number	Per Cent	Number	Per Cent
Top Quarter	313	28.1	405	34.1
Second "	324	29.1	384	32.3
Third "	178	16.0	293	24.6
Bottom "	111	9.9	69	5.8
Not Expressed	188	16.9	38	3.2

Concomitant with the improvement experienced in average examination scores submitted and in the increase in those admitted from the upper 75% of their high school class has been some reduction in the number of freshman placed in remedial mathematics. While this matter still constitutes a sizable problem, only 26% were so placed this year as opposed to a figure of 30% in 1961.

With the assistance of the Director of the Computer Center, extensive research was conducted during the past year in an effort to ascertain the proper weight which should be given to the various criteria for admission. Using statistical techniques recommended by the College Entrance Examination Board, a formula has been derived which permits the prediction of freshman grades for a student on the basis of his examination scores and his high school rank-in-class. It is contemplated that a detailed formula of this type will be used to select the entering class for 1963; however, a readily workable formula which is approximately accurate has been derived for use by freshman counselors during the current year. Its operation is explained in the accompanying "Information for Faculty Counselors for Use in Interpreting the Academic Potential of June and September 1962 New Students". Further information and recommendations concerning this procedure will be furnished the members of the Board at a later date and prior to its actual use in admissions selection.

The enrollment for the current semester is 4250. This is an increase of 146 over the 4104 enrolled for the first semester 1961-

1962 and compares with increases of 56 and 159 in 1961 and 1960, respectively.

This increase in enrollment is particularly gratifying in that it takes place while admission and continuing enrollment requirements are being strengthened and while the number of high school graduates are declining. It is made possible, not by an increase in new students, but by an increase in the per cent of returning students, which may in part result from improved admission standards.

A tentative enrollment report for the First Semester 1962-63 is as follows:

	Men	Women	Total
June New Students	118	16	134
September New Students	1136	40	1176
Total New Students	1254	56	1310
Former Students	175	6	181
Continuing Students	2713	46	2759
GRAND TOTAL	4142	108	4250

COMPARISONS WITH 1960 AND 1961

Category	September 1962	September 1961	September 1960
Women	108	89	85
New Students	1310	1327	1363
TOTAL	4250	4104	4048

ADDITIONAL ITEMS FOR CONSIDERATION

Board of Trustees Meeting of October 26, 1962

25. Award of Contract -- Improvement to the Electrical Distribution System

Statement: Bids on "Improvement to the Electrical Distribution System" were opened at Clemson at 2:00 p.m. on October 23. Information concerning these bids was mailed to all members of the Board of Trustees along with the recommendation that only base bids be considered and that the contract be awarded to the lowest bidder -- Sumter Builders, Sumter, South Carolina, in the base bid amount of $123,828.25.

Recommendation: It is recommended that the recommendation mailed to all members of the Board as indicated above be approved and confirmed by the Board in meeting assembled.

26. Use of Personal Cars for Official Business

Statement: It has been reported to the administration that some employees of the Extension Service would prefer to use their own personal cars for official travel at the motor pool mileage rate (currently 6½¢) rather than to use motor pool cars. Usually these are staff members who travel extensively and whose automobiles serve more or less as their traveling offices.

Recommendation: It is recommended that the administration be delegated the authority to grant requests of staff members to use their personal cars for official travel when in the opinion of the administration such would not be detrimental to the best interests of the college. It is understood that the privilege would be granted only to those staff members who submit their requests in writing through established channels and who sign appropriate agreements relating to the usage of automobiles, reimbursement rates, insurance required, and conditions of liability.

27. Annual Leave Policy

Statement: Act #R-726 of 1962, "An Act to Provide Annual Leave for State Employees" provides that the Act " . . . shall not apply to persons employed by a State Department or Agency . . . operating under a system which provides more liberal annual leave benefits." The existing leave policies of the college are more sound and generally more favorable to a majority of college employees than the provisions of Act #R-726 which is difficult to interpret and has been described by the Attorney General as "ambiguous." In one and only one respect the State statute is more favorable than the Clemson policies.

Whereas the peak accruals under the Clemson policies amount to 18 days per year, the State law provides for somewhat larger accruals per year in the case of employees with long records of service. The methods of charging leave on Saturdays, however, minimize this difference even for long-term employees. The use of accrued leave in any one year is also more flexible under the Clemson policies. The Attorney General has been extremely busy and has not been able to make a thorough analysis of the Clemson College policies as they relate to Act #R-726.

Recommendation: Pending a detailed review and a legal opinion from the Attorney General, it is recommended that the Clemson leave policies not be changed. In the event that the Attorney General does rule that Act #R-726 requires a liberalization of the Clemson policies, it is recommended that the administration be authorized to make such necessary adjustments immediately upon receipt of the Attorney General's ruling.

28. Patent Policy for Clemson College

Statement: Representatives of the faculty have prepared a proposed patent policy which has been reviewed very carefully by the Educational Council and the administration. This proposed patent policy is attached.

Recommendation: It is recommended that the Board adopt the attached patent policy subject to any minor changes that may be suggested by the College Attorney or the office of the Attorney General as such changes relate to legal details.

PROPOSED PATENT POLICY FOR CLEMSON COLLEGE

I. Preamble

Clemson College recognizes that research and scholarhip should be encouraged as such without regard to potential gain from royalties or other such income; however, the College also recognizes that patentable inventions and discoveries may arise from faculty research. The policies governing the administration of such inventions should provide adequate recognition and incentive to inventors and at the same time assure that the college will share in the rights pertaining to inventions in which it has an equity.

II. Patent Policy

A. Patent Committee

A Patent Committee shall be appointed by the President of Clemson College and it shall consist of nine members, at least five of whom shall be from the teaching and research faculty and the remaining from the administrative personnel of Clemson College. The members shall be appointed for three year terms. The original appointments to the committee shall be made in such a manner that the term of office for three members expires every year. The function of the Committee shall be threefold:

(1) It shall evaluate each patent proposal prepared by a staff member and then recommend whether or not the institution should accept the proposal and obtain the patent.

(2) It shall recommend the proportionate equity of the institution and the inventor within the limits specified below in Section II,B.

(3) It shall recommend how the patents of Clemson College shall be assigned.

B. Rights of the Institution in Patents

The rights of the institution in patents arising from research will vary depending on the proportionate contribution of the institution to the performance of the research project or the type of contract agreed upon with cooperating agencies. The research project will vary from projects wholly financed by the institution or institution administered funds to projects which receive no significant support from the institution.

1. Projects Financed by the Institution

Patents which arise from research projects financed wholly by college-administered funds (except those described in II, B, 2) shall be the complete property of the institution and subject to such negotiation or transfer of ownership as the institution desires. The inventor shall receive a sum of fifteen percent of all moneys paid to the College (after deducting the cost of obtaining and selling or assigning the patent) by reason of the ownership or management of such inventions, patent applications and patents.

In the event that a patent proposal is not accepted by the institution in a reasonable period of time as determined by the Patent Committee, the rights to the possible patent will be released by the College to the individual inventor.

Since Clemson College is a public institution, it must be recognized that certain inventions should be public property and not subject to private development. In such cases the patent committee will so recommend and after proper approval the individual inventor will be notified that he has no equity.

2. Projects Financed by Sponsored Research

Certain sponsored research may be covered by contracts which provide that all patent rights belong to the sponsor. If the sponsoring agencies do not wish to retain the patent rights, they may release all rights to the College in which case the policies outlined under II, B, 1 will apply.

3. Projects in which the College may have no Claim

(a) The College may have no claim to inventions and/or patents produced solely by a member of the staff or by a student who has made no significant use of college equipment and has received no financial support from college-administered funds in the research on which the proposed patent is based. Payment of salary for normal academic work including graduate fellowships, or provision of normal academic environment, cannot be claimed as grounds for equity by the College in such inventions and/or patents.

(b) If an inventor elects to submit a proposed patent, resulting from self-maintained research as described above, for consideration by the College, the Patent Committee will then recommend whether or not the rights to the invention should be accepted and a patent application made by the College or its designated agent. The Patent Committee will also decide the rights of the College and the inventor in the patent. The inventor shall receive at least 15 per cent and not more than 50 per cent of the receipts after deducting the cost of obtaining and selling or assigning the patent from any such patent obtained by the College or its agent.

(c) Special cases arising which are not covered by the above statements or which arise because of a conflict of interest under statements II, B or otherwise, shall be considered by the Patent Committee and an appropriate recommendation submitted.

III. Research Foundation

The College may assign all patents in which it has equity to a non-profit research foundation or corporation* and this foundation will be responsible for ownership and management of the inventions and/or patents. The research foundation shall agree to pay the inventor an agreed upon percentage of moneys received as a result of ownership and management of any invention, patent, or patent application. Any profits accruing to the College shall be used in furtherance of research.

The Research Foundation* shall finance and conduct the necessary proceedings for obtaining the patents.

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*The Research Corporation of New York is designated as the corporation acceptable to the College for this assignment.

CLEMSON COLLEGE

COLLEGIATE ACTIVITIES

1.	TOTAL APPROPRIATION 1962-63		$ 3,604,820
2.	NET INCREASE IN APPROPRIATION REQUESTED FOR CURRENT PROGRAMS 1963-64:		
	A. Salary Adjustments	$ 342,700	
	B. New Positions	93,800	
	C. Wages and Special Payments	29,300	
	D. Services, Supplies and Fixed Charges	89,500	
	E. Library Books	23,500	
	F. Educational Equipment	98,600	$ 677,400
3.	TOTAL APPROPRIATION REQUESTED FOR CURRENT PROGRAMS 1963-64		$ 4,282,220
4.	APPROPRIATION REQUESTED FOR EXPANSION OF ENGINEERING RESEARCH		$ 70,000
5.	TOTAL APPROPRIATION REQUESTED FOR 1963-64		$ 4,352,220

AGRICULTURAL RESEARCH[1]

1.	TOTAL APPROPRIATION 1962-63		$ 986,063
2.	INCREASES REQUESTED FOR CURRENT PROGRAMS 1963-64:		
	A. Salary adjustments	$ 151,000	
	B. New position	9,500	
	C. Wages	28,000	
	D. Services and supplies	23,200	
	E. Equipment	24,000	235,700
3.	APPROPRIATION REQUESTED FOR CURRENT PROGRAMS 1963-64		$ 1,221,763
4.	APPROPRIATIONS REQUESTED FOR NEW AND EXPANDED PROGRAMS:		
	A. Investigations on Tobacco Mechanization	53,500	
	B. Expansion of Specific Pathogen-Free Swine Program	7,000	
	C. Expansion of Pest Control and Quality Improvement on Apples, Grapes and Peaches	25,000	
	D. Expansion in Clemson-Winthrop Cooperative Home Economics Research	20,000	
	E. Expansion of Research on Ornamental Plants	10,000	
	F. Economic Studies to Guide the Development of Agriculturally Based Industries	10,000	
	G. Re-establishment of Nematode Investigations	12,000	137,500
5.	TOTAL APPROPRIATION REQUESTED FOR RESEARCH 1963-64		$ 1,359,263
6.	STATE FUNDS REQUESTED FOR CROP PEST COMMISSION TO MATCH USDA FUNDS FOR PLANT PEST AND DISEASE CONTROL PROGRAMS		223,500
7.	TOTAL APPROPRIATION REQUESTED FOR 1963-64		$ 1,582,763

[1] Excludes fees and expenses involved under the Economic Poison Law

EXTENSION DIVISION

1.	STATE APPROPRIATION 1962-63		$ 1,175,000
2.	INCREASES IN APPROPRIATIONS REQUESTED FOR 1963-64:		
	A. Salary Adjustments	$ 171,800	
	B. New Positions	18,000	
	C. Travel	3,000	
	D. Supplies	1,800	
	E. Equipment	1,200	195,800
3.	TOTAL APPROPRIATION REQUESTED FOR 1963-64		$ 1,370,800

4-H CLUB CAMPS

		COOPER	LONG	DANIELS	TOTAL
1.	STATE APPROPRIATIONS 1962-63	$ 2,400	$ 2,400	$ 2,400	$ 7,200
2.	INCREASE IN APPROPRIATIONS REQUESTED FOR 1963-64	2,400	2,400	2,400	7,200
3.	TOTAL APPROPRIATIONS REQUESTED FOR 1963-64	$ 4,800	$ 4,800	$ 4,800	$14,400

CLEMSON COLLEGE

LIVESTOCK-POULTRY HEALTH DEPARTMENT

1.	TOTAL APPROPRIATION 1962-63		$ 307,655
2.	INCREASES REQUESTED FOR CURRENT PROGRAMS:		
	A. Salary Adjustments	$ 17,100	
	B. New Positions (2)	9,000*	
	C. Special Payments	2,100	
	D. Supplies, Services and Indemnities	8,400	36,600
3.	APPROPRIATION REQUESTED FOR CURRENT PROGRAMS 1963-64		$ 344,255
4.	APPROPRIATION REQUESTED FOR EXPANDED HOG CHOLERA PROGRAM		36,200
5.	APPROPRIATION REQUESTED TO INITIATE A STATE-WIDE MEAT INSPECTION PROGRAM		16,600
6.	TOTAL APPROPRIATION REQUESTED FOR 1963-64		$ 397,055

*Funds for these (2) Quarantine Officers in current Hog Cholera Program provided for 1962-63 through special grant from Budget and Control Board.

CLEMSON COLLEGE

FERTILIZER INSPECTION AND ANALYSIS

1.	TOTAL APPROPRIATION 1962-63		$ 94,246
2.	INCREASES REQUESTED FOR 1963-64:		
	A. Salary Adjustments	$ 3,600	
	B. Wages	1,000	
	C. Supplies	900	
	D. Equipment	1,700	7,200
3.	TOTAL APPROPRIATION REQUESTED FOR 1963-64		$ 101,446

REQUEST FOR PERMANENT IMPROVEMENTS 1963-64

AGRICULTURAL RESEARCH PROGRAMS

1. Clemson Station		
(a) Poultry Rearing, Breeding and Laying Houses	$ 100,000	
(b) Laboratory Equipment for Poultry Research	44,000	
(c) Controlled Atmosphere Rooms for Agricultural Engineering Research	20,000	
2. Coast Station		
Two Service Buildings	10,000	
Total		$ 174,000

4-H CAMPS

1. Camp Harry Daniels		
Dormitory	18,000	
2. Camp Bob Cooper		
(a) Renovation Plumbing Facilities	15,000	
(b) Swimming Pool	50,000	
Total		83,000

TOTAL REQUEST FOR PERMANENT IMPROVEMENTS 1963-64 . . $ 257,000

SUMMARY OF REQUESTED INCREASES IN APPROPRIATIONS, 1963-64

	Operating Expenses				
	Current Programs	New Expanded Programs	Total	Permanent Improvements	Grand Total
Collegiate Activities . .	$ 677,400	$ 70,000	$ 747,400	$ --	$ 747,400
Agricultural Research	235,700	361,000	596,700	174,000	770,700
Extension Division . . .	195,800	--	195,800	--	195,800
4-H Club Camps	7,200	--	7,200	83,000	90,200
Livestock-Poultry Health Department . .	36,600	52,800	89,400	--	89,400
Fertilizer Inspection and Analysis	7,200	--	7,200	--	7,200
Totals	$ 1,159,900	$ 483,800	$ 1,643,700	$ 257,000	$1,900,700

Collegiate Activities - Current Operating Accounts

FINANCIAL REPORT

As of March 31, 1962

State Appropriations and Income

Operating Revenue Balance July 1, 1961	$ 139,231.74*
State Appropriations	3,415,164.00
Class and Laboratory Fees July 1, 1961 to Date	537,204.30
Summer School	1,625.00
Morrill-Nelson	93,732.59
Other Income July 1, 1961 to Date	293,239.34
Alumni Loyalty Fund Allocation to Library	2,500.00
Total	$ 4,482,696.97

Expenditures July 1, 1961 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Admin. & Gen	$ 115,023.77	$ 3,173.11	$ 322,429.50	$ 440,626.38
Instruction:				
Dean of College	$ 4,052.32	$ 5,453.43	$ 26,978.88	$ 36,484.63
Agriculture	19,096.31	988.41	323,993.97	344,078.69
Architecture	2,252.45		83,944.16	86,196.61
Arts & Sciences	33,553.66	2,088.74	694,065.92	729,708.32
Engineering	19,546.42	7,637.11	461,445.46	488,628.99
Textiles	6,934.29	4,161.77	140,502.99	151,599.05
Air & Mil. Sci	5,666.11		109.98	5,776.09
Teaching & Res. in Water & Sewage	208.46	.28	3,847.61	4,056.35
State Res. Appns.	3,685.75	438.57	3,200.00	7,324.32
Summer School			97,935.00	97,935.00
Library	14,711.21	37,160.70	70,539.09	122,411.00
State Dept. of Educ.	5,276.91		23,378.42	28,655.33
Total Instruction	$ 114,983.89	$ 57,929.01	$ 1,929,941.48	$2,102,854.38
Plant Operation & Maintenance	$ 300,587.17	$ 76,967.08	$ 281,226.66	$ 658,780.91
Grand Total	$ 530,594.83	$ 138,069.20	$ 2,533,597.64	$3,202,261.67

Unexpended Balance $1,280,435.30

*Includes $102,400.90 collected in June for 1961 Summer School.

Auxiliary Enterprises

FINANCIAL REPORT

As of March 31, 1962

Income

Balance July 1, 1961	$ 123,374.76
Dining Hall July 1, 1961 to Date	996,373.94
Dormitories July 1, 1961 to Date	122,053.31
Hospital July 1, 1961 to Date	99,832.66
Laundry July 1, 1961 to Date	91,258.13
Total	$ 1,432,892.80

Expenditures July 1, 1961 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Dining Hall	$ 595,035.71	$ 2,568.13	$ 207,376.97	$ 804,980.81
Dormitories	60,758.57	900.66	67,281.85	128,941.08
Hospital	29,247.03	1,636.90	46,051.90	76,935.83
Laundry	17,662.87		81,732.16	99,395.03
Totals	$ 702,704.18	$ 5,105.69	$ 402,442.88	$ 1,110,252.75

Unexpended Balance ..... $ 322,640.05

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of March 31, 1962

EXPERIMENT STATION

Appropriations and Income	
Public Service Operating Revenue Balance July 1, 1961	$ 39,069.30
State Appropriations 1961 - 62	855,362.00
Federal Appropriations 1961 - 62	605,563.00
Farm Products Sales July 1, 1961 to Date	298,956.81
Total	$1,798,951.11
Expenditures July 1, 1961 to Date	
Personal Services	$1,049,936.24
General Oper. Expenses	325,072.66
Equipment and Permanent Improvements	63,072.19
Total	$1,438,081.09
Unexpended Balance	$ 360,870.02*

*Includes $6,000.00 in Petty Cash Accounts at five branch stations.

EXTENSION SERVICE

Appropriation and Income	
State Appropriations 1961 - 62	$1,070,200.00
Federal Appropriation Balance July 1, 1961	27,849.90
Federal Appropriations 1961 - 62	1,516,989.00
Total	$2,615,038.90
Expenditures July 1, 1961 to Date	
Personal Services	$1,563,947.19
General Operating Expenses	310,614.20
Equipment and Permanent Improvements	15,471.25
Total	$1,890,032.64
Unexpended Balance	$ 725,006.26

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of March 31, 1962

LIVESTOCK - POULTRY HEALTH DEPARTMENT

State Appropriations and Miscellaneous Receipts	
State Appropriation 19 61 - 62	$ 274,568.00
Sale of Serum July 1, 19 61 to Date	5,147.40
Total	$ 279,715.40
Expenditures July 1, 1961 to Date	
Personal Services	$ 133,359.05
General Oper. Expenses	67,819.76
Equipment and Permanent Improvements	1,556.91
Total	$ 202,735.72
Unexpended Balance	$ 76,979.68

FERTILIZER INSPECTION AND ANALYSIS DEPARTMENT

State Appropriation and Miscellaneous Receipts	
State Appropriation 19 61 - 62	$ 85,021.00
Miscellaneous Receipts July 1, 19 61 to Date	.00
Total	$ 85,021.00
Expenditures July 1, 1961 to Date	
Personal Services	$ 45,041.83
General Operating Expenses	10,419.38
Equipment and Permanent Improvements	3,828.88
Total	$ 59,290.09
Unexpended Balance	$ 25,730.91

Restricted Funds

FINANCIAL REPORT

As of March 31, 1962

(Balances do not include value of investments)

Account	Balance July 1, 1961	July 1, 1961 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Collegiate					
Farm & Home Week	$ 7,532.12	$ 7,030.16	$ 5,839.21	$	$ 8,723.07
Gov't Land Timber. . . .	14,767.36	46,470.63		(54,551.00) (1)	6,686.99
Clemson House.	(9,746.66)	366,665.42	350,092.98		6,825.78
College Housing.	44,893.37	90,238.87	87,072.08		48,060.16
Student Aid.	34,422.46	48,812.25	52,679.00	13,650.00 (2)	44,205.71
Sponsored Research . . .	36,220.18	93,489.38	87,155.10		42,554.46
NSF--Summer Institutes .	12,855.27		13,103.21		(247.94)
All Other.	67,187.64	414,143.40	133,401.56	(160,389.63) (3)	187,539.85
Totals	$ 208,131.74	$ 1,066,850.11	$ 729,343.14	$ (201,290.63)	$ 344,348.08
Agency					
Alumni Loyalty Fund. . .	$ 74,537.60	$ 53,991.26	$ 6,000.00	$ (66,832.83) (4)	$ 55,696.03
Alumni Assoc--Oper Acct.	(18,154.40)		33,823.89	41,741.85 (5)	(10,236.44) (a)
Clemson College Found. .	1,684.47	20,317.52	13,215.10	940.98 (6)	9,727.87
Y.M.C.A.	15,419.22	50,692.55	39,205.47		26,906.30
Student Organizations. .	9,002.88	50,993.12	41,799.98	2,475.00 (7)	20,671.02
Student Publications . .	15,783.33	37,821.95	26,216.28	850.00 (8)	28,239.00
Athletic Department. . .	(13,590.32)	464,772.08	536,543.09		(85,361.33)
Athletic Radio & T.V.. .	2,894.86	9,085.02	6,732.34		5,247.54
Book Store	11,031.35	227,660.70	216,192.71		22,499.34
Canteen.	2,509.81	177,433.81	140,870.98		39,072.64
All Other.	13,085.08	322.22	195.55	(10,325.00) (9)	2,886.75
Sub Totals	114,203.88	1,093,090.23	1,060,795.39	(31,150.00)	115,348.72
Student Bank	57,129.56	7,553.72 (b)			64,683.28
Security Deposits. . . .	96,665.07	(17,424.00) (c)	12,347.95 (c)		66,893.12
Totals	$ 267,998.51	$ 1,083,219.95	$ 1,073,143.34	$ (31,150.00)	$ 246,925.12

Account	Balance July 1, 1961	July 1, 1961 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Loan Funds	$ 13,298.29	$ 19,186.47	$ 22,775.71	$	$ 9,709.05
Experiment Station					
Sheep Exp. Station . . .	$ 2,997.03	$ 10,734.40	$ 7,475.00	$	$ 6,256.43
S. C. Crop Impr Assoc. .	49,834.39	26,254.34	17,365.32		58,723.41
S. C. Found Seed Assoc .	81,260.68	89,080.73	52,532.07		117,809.34
All Other.	102,731.10	159,207.53	185,022.17	54,551.00 (1)	131,467.46
Totals	$ 236,823.20	$ 285,277.00	$ 262,394.56	$ 54,551.00	$ 314,256.64
Extension Service					
4-H Club Work.	$ 33,408.32	$ 44,958.38	$ 50,916.23	$	$ 27,450.47
Fed. St. Insp. Serv. . .	80,943.46	136,030.16	110,861.16		106,112.46
All Other.	22,173.93	43,112.77	38,615.80		26,670.90
Totals	$ 136,525.71	$ 224,101.31	$ 200,393.19	$	$ 160,233.83

(a) Periodically transfers are made from Alumni Loyalty Fund to cover operating expenses of Alumni Association.
(b) Student Bank transactions are reported as net receipts after deduction for withdrawals for each day.
(c) Transactions shown are deposits and deposit refunds--not receipts and expenditures.

(1)	($54,551.00)	Transferred to Gov't. Land Timber Research Projects Account (04-11-255)
(2)	10,000.00	1960 Loyalty Fund allocation to Alumni Graduate Fellowships (02-02-096)
	3,650.00	1960 Loyalty Fund allocation to Faculty Achievement Awards (02-02-097)
(3)	(167,389.63)	Funds transferred to Experiment Station Relocation Projects Account (10-01-900) from Condemned Lands - Hartwell Dam Project (02-01-013)
	7,000.00	1960 Loyalty Fund allocation to Faculty Basic Research (02-02-098)
(4)	(24,150.00)	1960 Loyalty Fund allocations
	(41,741.85)	1960 Operating expenses transferred to Alumni Association-Operating Account (07-01-002)
	(940.98)	Transferred to Clemson College Foundation the cash amount required in addition to stock certificates for Permanent Endowment and Operating Reserve.
(5)	See note (4)	for this amount
(6)	See note (4)	for this amount
(7)	1,125.00	Maintenance and Activity Fees transferred to Student Radio Station(07-02-004)
	350.00	Maintenance and Activity Fees transferred to Class Funds and Small Groups (07-02-001)
	1,000.00	1960 Loyalty Fund allocation to Class Funds and Small Groups (07-02-001) for student government
(8)	850.00	Maintenance and Activity Fees transferred to the Tiger Account (07-03-004)
(9)	(2,325.00)	Maintenance and Activity Fees transferred from Clearing Account (07-99-002) as shown in notes (5) and (6) above
	(8,000.00)	Funds transferred from Student Uniforms Account (07-09-006) to Renovation Basement Dorm.#2 (10-01-023)

Clemson Agricultural College
Statement of Bonded Indebtedness
as of March 31, 1962
(date)

Name of Fund or Issue	Date of Issue	Amount of Issue	Current Fiscal Year		
			Indebtedness Beginning of Year	Payments to Date	Current Indebtedness
Institution Bonds:					
First Issue	April 1, 1954	$ 3,100,000.00	$ 990,000.00	$ 190,000.00	$ 800,000.00
Second Issue	July 1, 1955	750,000.00	515,000.00		515,000.00
Third Issue	November 1, 1957	2,100,000.00	1,878,000.00	80,000.00	1,798,000.00
Fourth Issue	May 1, 1959	1,900,000.00	1,715,000.00		1,715,000.00
Fifth Issue	May 1, 1960	1,075,000.00	1,065,000.00		1,065,000.00
Sixth Issue	May 1, 1961	800,000.00	800,000.00		800,000.00
Total Institution Bonds		$ 9,725,000.00	$ 6,963,000.00	$ 270,000.00	$ 6,693,000.00
Dormitory & Housing Bonds:					
First Issue	September 1, 1954	$ 4,000,000.00	$ 3,522,000.00	$ 128,000.00	$ 3,394,000.00
Second Issue	March 1, 1958	835,000.00	733,000.00	36,000.00	697,000.00
Third Issue	July 1, 1959	775,000.00	745,000.00	31,000.00	714,000.00
Fourth Issue	September 1, 1960	890,000.00	890,000.00	28,000.00	862,000.00
Total Dorm & Housing Bonds		$ 6,500,000.00	$ 5,890,000.00	$ 223,000.00	$ 5,667,000.00
Faculty Housing Bonds	September 1, 1950	$ 2,500,000.00	$ 1,696,000.00	$ 106,000.00*	$ 1,590,000.00
Water System Expansion Note	April 28, 1960	$ 400,000.00	$ 368,000.00		$ 368,000.00
Stadium Notes:					
First Issue	October 1, 1957	$ 300,000.00	$ 280,000.00		$ 280,000.00
Second Issue	August 1, 1960	150,000.00	150,000.00	10,000.00	140,000.00
Total Stadium Notes		$ 450,000.00	$ 430,000.00	$ 10,000.00	$ 420,000.00
GRAND TOTAL		$19,575,000.00	$ 15,347,000.00	$ 609,000.00	$14,738,000.00

* Includes $10,000.00 bonds called September 1, 1961

Statement of Reserve for Bond Retirement
as of March 31, 1962
(date)

Name of Fund or Issue	Bond Retirement Reserve 7/1/61	Additions		Deductions			Current Reserve Balance
		Receipts	Investment Income	Bond Payments	Interest Paid	Other Charges	
Institution Bonds:							
First Issue (4/1/54)				$190,000.00	$ 17,325.00	$ 165.10	
Second Issue (7/1/55)					4,725.00	23.17	
Third Issue (11/1/57)				80,000.00	37,560.00		
Fourth Issue (5/1/59)					34,300.00		
Fifth Issue (5/1/60)					26,625.00		
Sixth Issue (5/1/61)					15,600.00		
Total Institution Bonds	$ 362,595.15	$ 741,371.39	$ 14,095.33	$ 270,000.00	$136,135.00	$ 188.27	$ 711,738.60
Dormitory & Housing Bonds:							
First Issue (9/1/54)				$ 128,000.00	$103,740.00		
Second Issue (3/1/58)				36,000.00	29,320.00		
Third Issue (7/1/59)				31,000.00	32,827.50		
Fourth Issue (9/1/60)				28,000.00	43,800.00		
Total Dorm & Housing Bonds	$ 652,138.82	$ 367,041.70		$ 223,000.00	$209,687.50		$ 586,493.02
Faculty Housing Bonds	$ 270,004.10	$ 108,385.22	$ 3,271.32	$ 106,000.00	$ 47,880.00	$1,920.59	$ 225,860.05
Water System Expansion Note	.00	$ 50,386.39					$ 50,386.39
Stadium Notes:							
First Issue (10/1/57)							
Second Issue (8/1/60)				$ 10,000.00	$ 3,750.00		
Total Stadium Notes	$ 39,308.25	$ 11,932.75		$ 10,000.00	$ 3,750.00		$ 37,491.00
GRAND TOTAL	$1,324,046.32	1,279,117.45	$ 17,366.65	$ 609,000.00	$397,452.50	$2,108.86	$1,611,969.06

Collegiate Activities - Current Operating Accounts

FINANCIAL REPORT

As of June 30, 1962

State Appropriations and Income

Operating Revenue Balance July 1, 1961	$ 139,231.74
State Appropriations	3,415,164.00
Maintenance & Activity Fees July 1, 1961 to Date	537,953.59
Summer School. 1961 - $1,625.00; 1962 - $103,894.10	105,519.10
Morrill-Nelson	93,732.59
Other Income July 1, 1961 to Date	379,901.10
Alumni Loyalty Fund Allocation to Library	2,500.00
Special State Appropriations - Computer Center and Research Projects	79,260.07
Total	$ 4,753,262.19

Expenditures July 1, 1961 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Admin. & Gen	$ 168,948.88	$ 11,529.35	$ 429,403.30	$ 609,881.53
Instruction:				
Dean of College	$ 7,527.88	$ 3,453.11	$ 28,259.88	$ 39,240.87
Agriculture	30,765.93	18,706.21	430,515.90	479,988.04
Architecture	3,447.37	622.95	112,481.41	116,551.73
Arts & Sciences	46,905.75	15,760.14	937,800.19	1,000,466.08
Engineering	29,372.47	13,155.34	624,954.75	667,482.56
Textiles	9,627.97	4,524.85	186,437.79	200,590.61
Air & Mil. Sci	8,548.55		236.34	8,784.89
Teaching & Res. in Water & Sewage	1,262.03	3,093.72	5,644.25	10,000.00
State Res. Appns.	12,658.04	15,393.68	14,858.00	42,909.72
Summer School			99,531.00	99,531.00
Library	19,575.26	56,709.32	95,736.67	172,021.25
State Dept. of Educ.	8,505.92		31,671.47	40,177.39
Total Instruction	$ 178,197.17	$ 131,419.32	$ 2,568,127.65	$ 2,877,744.14
Plant Operation & Maintenance	$ 546,576.34	$ 87,982.52	$ 461,820.17	$ 1,096,379.03
Grand Total	$ 893,722.39	$ 230,931.19	$ 3,459,351.12	$ 4,584,004.70

Unexpended Balance . . . . . $ 169,257.49*

*Balance is adequate to cover encumbrances. Includes $103,894.10 collected in June for 1962 Summer School.

Auxiliary Enterprises

FINANCIAL REPORT

As of June 30, 1962

Income

Balance July 1, 19 61	$ 123,374.76
Dining Hall July 1, 19 61 to Date	1,127,700.99
Dormitories July 1, 19 61 to Date	148,915.90
Student Health Center July 1, 1961 to Date	104,047.99
Laundry July 1, 1961 to Date	122,476.03
Total	$ 1,626,515.67

Expenditures July 1, 1961 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Dining Hall	$ 793,172.59	$ 7,856.81	$ 288,915.79	$ 1,089,945.19
Dormitories	78,231.44	15,052.66	91,517.83	184,801.93
Student Health Center	40,386.98	1,691.22	61,502.63	103,580.83
Laundry	24,307.35	227.81	111,970.21	136,505.37
Totals	$ 936,098.36	$ 24,828.50	$ 553,906.46	$ 1,514,833.32

Unexpended Balance ..... $ 111,682.35*

* Includes $20,000.00 Bursar's Office Petty Cash

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of June 30, 1962

EXPERIMENT STATION

Appropriations and Income	
Public Service Operating Revenue Balance July 1, 1961	$ 39,069.30
State Appropriations 1961 - 62	855,362.00
Federal Appropriations 1961 - 62	766,963.00
Farm Products Sales July 1, 1961 to Date	388,132.59
Special State Appropriations	17,512.88(a)
Total	$ 2,067,039.77
Expenditures July 1, 1961 to Date	
Personal Services	$ 1,404,439.94
General Operating Expenses	501,020.41
Equipment and Permanent Improvements	112,269.06
Total	$ 2,017,729.41
Unexpended Balance	$ 49,310.36(b)

EXTENSION SERVICE

Appropriation and Income	
State Appropriations 1961 - 62	$ 1,070,200.00
Federal Appropriation Balance July 1, 1961	27,849.90
Federal Appropriations 1961 - 62	1,516,989.00
Total	$ 2,615,038.90
Expenditures July 1, 1961 to Date	
Personal Services	$ 2,078,562.20
General Operating Expenses	470,227.17
Equipment and Permanent Improvements	20,955.42
Total	$ 2,569,744.79
Unexpended Balance	$ 45,294.11

(a) Research in Peach Tree Diseases - $15,000.00; Southeastern Seminar on Atomic Progress in Agriculture - $2,512.88

(b) Includes $6,000.00 in Petty Cash accounts at five branch stations and $44,322.76 Economic Poisons Registration fees. These fees are collected on a calendar year basis and necessarily reflect a considerable balance as of June 30th.

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of June 30, 1962

LIVESTOCK - POULTRY HEALTH DEPARTMENT

State Appropriations and Miscellaneous Receipts	
State Appropriation 19 61 - 62	$ 274,568.00
Sale of Serum July 1, 19 61 to Date	6,131.74
Total	$ 280,699.74
Expenditures July 1, 1961 to Date	
Personal Services	$ 178,730.00
General Operating Expenses	99,899.11
Equipment and Permanent Improvements	2,070.63
Total	$ 280,699.74
Unexpended Balance	$ .00

FERTILIZER INSPECTION AND ANALYSIS DEPARTMENT

State Appropriation and Miscellaneous Receipts	
State Appropriation 19 61 - 62	$ 85,021.00
Miscellaneous Receipts July 1, 19 ___ to Date	
Total	$ 85,021.00
Expenditures July 1, 19 61 to Date	
Personal Services	$ 62,855.44
General Operating Expenses	18,093.85
Equipment and Permanent Improvements	4,071.71
Total	$ 85,021.00
Unexpended Balance	$ .00

Restricted Funds

FINANCIAL REPORT

As of June 30, 1962

(Balances do not include value of investments)

Account	Balance July 1, 1961	July 1, 1961 to Date: Receipts	Expenditures	Transfers	Unexpended Balance
Collegiate					
Farm & Home Week	$ 7,532.12	$ 7,535.16	$ 7,050.62	$	$ 8,016.66
Gov't Land Timber. . . .	14,767.36	59,779.23		(59,051.00) (1)	15,495.59
Clemson House.	(9,746.66)	497,384.74	508,713.78		(21,075.70) (a)
College Housing.	44,893.37	124,527.06	116,547.40		52,873.03
Student Aid.	34,422.46	62,487.66	66,278.07	10,006.64 (2)	40,638.69
Sponsored Research . . .	36,220.18	140,429.54	125,542.47		51,107.25
NSF--Summer Institutes .	12,855.27	56,800.00	55,253.87		14,401.40
All Other.	67,187.64	443,351.64	187,939.74	(155,746.27) (3)	166,853.27
Totals	$ 208,131.74	$ 1,392,295.03	$ 1,067,325.95	$ (204,790.63)	$ 328,310.19
Agency					
Alumni Loyalty Fund. . .	$ 74,537.60	$ 68,740.15	$ 6,000.00	$ (67,832.83) (4)	$ 69,444.92
Alumni Assoc--Oper Acct.	(18,154.40)		45,199.59	41,741.85 (5)	(21,612.14) (b)
Clemson College Found. .	1,684.47	47,263.96	23,347.11	940.98 (6)	26,542.30
Y.M.C.A.	15,419.22	62,075.49	56,233.94		21,260.77
Student Organizations. .	9,002.88	53,835.28	66,459.42	2,475.00 (7)	(1,146.26)
Student Publications . .	15,783.33	50,134.27	62,334.83	850.00 (8)	4,432.77
Athletic Department. . .	(13,590.32)	572,815.45	644,185.22		(84,960.09)
Athletic Radio & T.V.. .	2,894.86	11,210.71	7,080.58		7,024.99
Book Store	11,031.35	257,593.54	255,332.43		13,292.46
Canteen.	2,509.81	220,849.96	216,972.72		6,387.05
All Other.	13,085.08	422.72	392.15	(10,325.00) (9)	2,790.65
Sub Totals	114,203.88	1,344,941.53	1,383,537.99	(32,150.00)	43,457.42
Student Bank	57,129.56	37,290.45 (c)			94,420.01
Security Deposits. . . .	96,665.07	82,701.00 (d)	60,510.52 (d)		118,855.55
Totals	$ 267,998.51	$ 1,464,932.98	$ 1,444,048.51	$ (32,150.00)	$ 256,732.98

Account	Balance July 1, 1961	July 1, 1961 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Loan Funds	$ 13,298.29	$ 25,417.69	$ 29,135.95	$	$ 9,580.03
Experiment Station					
Sheep Exp. Station . . .	$ 2,997.03	$ 10,734.40	$ 11,373.11	$	$ 2,358.32
S. C. Crop Impr Assoc. .	49,834.39	30,980.79	22,442.16		58,373.02
S. C. Found Seed Assoc .	81,260.68	108,223.43	71,967.09		117,517.02
All Other.	102,731.10	297,351.10	279,016.52	59,051.00 (1)	180,116.68
Totals	$ 236,823.20	$ 447,289.72	$ 384,798.88	$ 59,051.00	$ 358,365.04
Extension Service					
4-H Club Work.	$ 33,408.32	$ 69,377.53	$ 72,375.64	$	$ 30,410.21
Fed. St. Insp. Serv. . .	80,943.46	142,909.66	151,792.63		72,060.49
All Other.	22,173.93	54,885.04	51,421.12		25,637.85
Totals	$ 136,525.71	$ 267,172.23	$ 275,589.39	$	$ 128,108.55

(a) Does not reflect $5,000.00 in Petty Cash and $39,328.23 in accounts receivable.
(b) Periodically transfers are made from Alumni Loyalty Fund to cover operating expenses of Alumni Association.
(c) Student Bank transactions are reported as net receipts after deduction for withdrawals for each day.
(d) Transactions shown are deposits and deposit refunds--not receipts and expenditures.
(1) ($59,051.00) Transferred to Gov't. Land Timber Research Projects Account (04-11-255).
(2) $10,000.00 1960 Loyalty Fund allocation to Alumni Graduate Fellowships (02-02-096).
3,650.00 1960 Loyalty Fund allocation to Faculty Achievement Awards (02-02-097).
(3,643.36) Transferred from Faculty Achievement Awards (02-02-097) to Faculty Travel Supplement (02-02-095).
(3) (167,389.63) Funds transferred to Experiment Station Relocation Projects Account (10-01-900) from Condemned Lands - Hartwell Dam Project (02-01-013).
7,000.00 1960 Loyalty Fund allocation to Faculty Basic Research (02-02-098).
1,000.00 Transferred from Alumni Loyalty Fund (07-01-001) to Faculty Travel Supplement (02-02-095).
3,643.36 Transferred to Faculty Travel Supplement (02-02-095) from Faculty Achievement Awards (02-02-097).
(4) (24,150.00) 1960 Loyalty Fund allocations
(41,741.85) 1961 operating expenses transferred to Alumni Association-Operating Account (07-01-002)
(940.98) Transferred to Clemson College Foundation the cash amount required in addition to stock certificates for 1961 Loyalty Fund allocation to Permanent Endowment and Operating Reserve.
(1,000.00) Transferred to Faculty Travel Supplement (02-02-095). Loan from funds to become available July 1, 1962.
(5) See note (4) for this amount.
(6) See note (4) for this amount.
(7) 1,125.00 Maintenance and Activity Fees transferred to Student Radio Station (07-02-004)
350.00 Maintenance and Activity Fees transferred to Class Funds and Small Groups (07-02-001)
1,000.00 1960 Loyalty Fund allocation to Class Funds and Small Groups (07-02-001) for student government.
(8) 850.00 Maintenance and Activity Fees transferred to the Tiger Account (07-03-004).
(9) (2,325.00) Maintenance and Activity Fees transferred from Clearing Account (07-99-002) as shown in notes (5) and (6) above.
(8,000.00) Funds transferred from Student Uniforms Account (07-09-006) to Renovation Basement Dorm.#2 (10-01-023).

Clemson Agricultural College
Statement of Bonded Indebtedness
as of June 30, 1962
(date)

Name of Fund or Issue	Date of Issue	Amount of Issue	Current Fiscal Year		
			Indebtedness Beginning of Year	Payments to Date	Current Indebtedness
Institution Bonds:					
First Issue	April 1, 1954	$ 3,100,000.00	$ 990,000.00	$ 190,000.00	$ 800,000.00
Second Issue	July 1, 1955	750,000.00	515,000.00	40,000.00	475,000.00
Third Issue	November 1, 1957	2,100,000.00	1,878,000.00	80,000.00	1,798,000.00
Fourth Issue	May 1, 1959	1,900,000.00	1,715,000.00	100,000.00	1,615,000.00
Fifth Issue	May 1, 1960	1,075,000.00	1,065,000.00	10,000.00	1,055,000.00
Sixth Issue	May 1, 1961	800,000.00	800,000.00	20,000.00	780,000.00
Total Institution Bonds		$ 9,725,000.00	$ 6,963,000.00	$ 440,000.00	$ 6,523,000.00
Dormitory & Housing Bonds:					
First Issue	September 1, 1954	$ 4,000,000.00	$ 3,522,000.00	$ 128,000.00	$ 3,394,000.00
Second Issue	March 1, 1958	835,000.00	733,000.00	36,000.00	697,000.00
Third Issue	July 1, 1959	775,000.00	745,000.00	31,000.00	714,000.00
Fourth Issue	September 1, 1960	890,000.00	890,000.00	28,000.00	862,000.00
Total Dorm & Housing Bonds		$ 6,500,000.00	$ 5,890,000.00	$ 223,000.00	$ 5,667,000.00
Faculty Housing Bonds	September 1, 1950	$ 2,500,000.00	$ 1,696,000.00	$ 106,000.00*	$ 1,590,000.00
Water System Expansion Note	April 28, 1960	$ 400,000.00	$ 368,000.00	$ 34,000.00	$ 334,000.00
Stadium Notes:					
First Issue	October 1, 1957	$ 300,000.00	$ 280,000.00		$ 280,000.00
Second Issue	August 1, 1960	150,000.00	150,000.00	$ 10,000.00	140,000.00
Total Stadium Notes		$ 450,000.00	$ 430,000.00	$ 10,000.00	$ 420,000.00
GRAND TOTAL		$ 19,575,000.00	$ 15,347,000.00	$ 813,000.00	$ 14,534,000.00

* Includes $10,000.00 bonds called September 1, 1961

Clemson Agricultural College
Statement of Reserve for Bond Retirement
as of June 30, 1962
(date)

Name of Fund or Issue	Bond Retirement Reserve 7/1/61	Additions		Deductions			Current Reserve Balance
		Receipts	Investment Income	Bond Payments	Interest Paid	Other Charges	
Institution Bonds:							
First Issue (4/1/54)				$190,000.00	$ 17,325.00	$ 165.10	
Second Issue (7/1/55)				40,000.00	9,450.00	62.35	
Third Issue (11/1/57)				80,000.00	73,520.00		
Fourth Issue (5/1/59)				100,000.00	68,600.00		
Fifth Issue (5/1/60)				10,000.00	53,250.00		
Sixth Issue (5/1/61)				20,000.00	33,600.00		
Total Institution Bonds	$ 362,595.15	$ 742,368.24	$ 15,892.16	$440,000.00	$255,745.00	$ 227.45	$ 424,883.10
Dormitory & Housing Bonds:							
First Issue (9/1/54)				$128,000.00	$103,740.00		
Second Issue (3/1/58)				36,000.00	29,320.00		
Third Issue (7/1/59)				31,000.00	32,827.50		
Fourth Issue (9/1/60)				28,000.00	43,800.00		
Total Dorm & Housing Bonds	$ 652,138.82	$ 402,392.66		$223,000.00	$209,687.50		$ 621,843.98
Faculty Housing Bonds	$ 270,004.10	$ 144,487.49	$ 5,124.45	$106,000.00	$ 47,880.00	$ 2,000.09	$ 263,735.95
Water System Expansion Note	.00	$ 50,560.00		$ 34,000.00	$ 16,560.00		.00
Stadium Notes:							
First Issue (10/1/57)							
Second Issue (8/1/60)				$ 10,000.00	$ 3,750.00		
Total Stadium Notes	$ 39,308.25	$ 16,466.25		$ 10,000.00	$ 3,750.00		$ 42,024.50
GRAND TOTAL	$1,324,046.32	$1,356,274.64	$ 21,016.61	$813,000.00	$533,622.50	$ 2,227.54	$1,352,487.53

Collegiate Activities - Current Operating Accounts

FINANCIAL REPORT

CLEMSON COLLEGE
COMPTROLLER'S OFFICE
NOV 21 3 36 PM '62

As of September 30, 1962

State Appropriations and Income

Operating Revenue Balance July 1, 1962	$ 169,257.49*
State Appropriations	3,604,820.00
Maint. and Activity Fees July 1, 1962 to Date	355,747.80
Summer School	64,466.30
Morrill-Nelson	128,315.80
Other Income July 1, 1962 to Date	181,125.99
Alumni Loyalty Fund Allocation to Library	
Total	$ 4,503,733.38

Expenditures July 1, 1962 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Admin. & Gen	$ 22,369.17	$ 2,270.13	$ 116,938.28	$ 141,577.58
Instruction:				
Dean of College	$ 612.74	$	$ 7,659.26	$ 8,272.00
Agriculture	4,941.75	508.04	117,283.88	122,733.67
Architecture	584.82	525.30	30,824.00	31,934.12
Arts & Sciences	6,320.76	1,692.98	228,210.30	236,224.04
Engineering	5,601.03	3,188.33	159,061.95	167,851.31
Ind. Mgt. & Text. Sci.	1,177.23		63,292.50	64,469.73
Air & Mil. Sci	389.21			389.21
Teaching & Res. in Water & Sewage	171.49		866.00	1,037.49
State Res. Appns.	1,331.10	559.71	9,110.00	11,000.81
Summer School	31.01		136,969.17	137,000.18
Library	2,001.25	7,873.01	27,490.48	37,364.74
State Dept. of Educ.	1,082.99		8,992.25	10,075.24
Total Instruction	$ 24,245.38	$ 14,347.37	$ 789,759.79	$ 828,352.54
Plant Operation & Maintenance	$ 80,995.37	$ 1,095.82	$ 99,495.86	$ 181,587.05
Grand Total	$ 127,609.92	$ 17,713.32	$ 1,006,193.93	$ 1,151,517.17

Unexpended Balance . . . . . $ 3,352,216.21

* Includes $103,894.10 collected in June for 1962 Summer School.

Auxiliary Enterprises

FINANCIAL REPORT

As of September 30, 1962

Income

Balance July 1, 1962	$ 111,682.35
Dining Hall July 1, 1962 to Date	330,598.26
Dormitories July 1, 1962 to Date	54,604.58
Hospital July 1, 1962 to Date	54,560.56
Laundry July 1, 1962 to Date	26,493.21
Total	$ 577,938.96

Expenditures July 1, 1962 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Dining Hall	$ 95,141.97	$ 2,733.74	$ 60,277.02	$ 158,152.73
Dormitories	11,149.94	252.85	19,879.60	31,282.39
Hospital	6,505.69	319.00	15,470.29	22,294.98
Laundry	4,932.83	125.06	20,332.00	25,389.89
Totals	$ 117,730.43	$ 3,430.65	$ 115,958.91	$ 237,119.99

Unexpended Balance ..... $ 340,818.97*

* Includes $20,000.00 Bursar's Office Petty Cash

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of September 30, 1962

EXPERIMENT STATION

Appropriations and Income	
Public Service Operating Revenue Balance July 1, 1962	$ 55,160.36*
State Appropriations 1962 - 63	986,063.00
Federal Appropriations 1962 - 63	277,459.00
Farm Products Sales July 1, 1962 to Date	61,425.65
AMA Title II Balance July 1, 1962	150.00
Total	$ 1,380,258.01
Expenditures July 1, 1962 to Date	
Personal Services	$ 379,450.74
General Operating Expenses	82,699.89
Equipment and Permanent Improvements	19,586.48
Total	$ 481,737.11
Unexpended Balance	$ 898,520.90

EXTENSION SERVICE

Appropriation and Income	
State Appropriations 1962 - 63	$ 1,182,200.00
Federal Appropriation Balance July 1, 1962	45,294.11
Federal Appropriations 1962 - 63	754,745.00
Total	$ 1,982,239.11
Expenditures July 1, 1962 to Date	
Personal Services	$ 562,583.96
General Operating Expenses	75,898.56
Equipment and Permanent Improvements	2,155.00
Total	$ 640,637.52
Unexpended Balance	$ 1,341,601.59

* Includes $6,000.00 in Petty Cash accounts at five branch stations and $44,322.76 Economic Poisons Registration fees. These fees are collected on a calandar year basis and necessarily reflect a considerable balance as of July 1st.

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of September 30, 1962

LIVESTOCK - POULTRY HEALTH DEPARTMENT

State Appropriations and Miscellaneous Receipts	
State Appropriation 19 62 - 63	$ 307,655.00
Sale of Serum July 1, 19 62 to Date	1,471.90
Total	$ 309,126.90
Expenditures July 1, 1962 to Date	
Personal Services	$ 15,276.63
General Operating Expenses	65.50
Equipment and Permanent Improvements	47,939.65
Total	$ 63,281.78
Unexpended Balance	$ 245,845.12

FERTILIZER INSPECTION AND ANALYSIS DEPARTMENT

State Appropriation and Miscellaneous Receipts	
State Appropriation 19 62 - 63	$ 94,246.00
Miscellaneous Receipts July 1, 19 62 to Date	
Total	$ 94,246.00
Expenditures July 1, 19 62 to Date	
Personal Services	$ 2,515.32
General Operating Expenses	386.25
Equipment and Permanent Improvements	16,703.90
Total	$ 19,605.47
Unexpended Balance	$ 74,640.53

Restricted Funds

FINANCIAL REPORT

As of September 30, 1962

(Balances do not include value of investments)

Account	Balance July 1, 1962	July 1, 1962 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Collegiate					
Farm & Home Week	$ 8,016.66	$ 5,039.00	$ 5,273.70	$	$ 7,781.96
Gov't Land Timber. . . .	15,495.59	23,297.44		(64,633.00)(1)	(25,839.97)
Clemson House.	(21,075.70)(a)	113,141.51	93,014.32		(948.51)
College Housing.	52,873.03	29,995.57	19,588.66		63,279.94
Student Aid.	40,838.69	32,892.70	21,452.40	10,000.00 (2)	62,278.99
Sponsored Research . . .	51,765.36	32,020.77	40,956.96		42,829.17
NSF--Summer Institutes .	14,401.40		11,416.68		2,984.72
All Other.	166,195.16	26,674.94	30,144.68	11,000.00 (3)	173,725.42
Totals	$ 328,510.19	$ 263,061.93	$ 221,847.40	$ (43,633.00)	$ 326,091.72
Agency					
Alumni Loyalty Fund. . .	$ 69,444.92	$ 12,402.78	$ 8,000.00	$ (22,000.00)(4)	$ 51,847.70
Alumni Assoc--Oper Acct.	(21,612.14)		7,737.13		(29,349.27)(b)
Clemson College Found. .	26,542.30	3,751.68	25,997.50		4,296.48
Y.M.C.A.	21,260.77	28,271.43	12,156.03		37,376.17
Student Organizations. .	(1,146.26)	32,410.66	4,184.84	1,000.00 (5)	28,079.56
Student Publications . .	4,432.77	39,479.78	1,629.94		42,282.61
Athletic Department. . .	(84,960.09)	191,117.07	84,689.51		21,467.47
Athletic Radio & T.V.. .	7,024.99	694.10			7,719.09
Book Store	13,292.46	135,247.67	27,829.48		120,710.65
Canteen.	6,387.05	35,381.18	21,784.90		19,983.33
All Other.	2,790.65	10,219.10	500.07		12,509.68
Sub Totals	43,457.42	488,975.45	194,509.40	(21,000.00)	316,923.47
Student Bank	94,420.01	(28,285.04)(c)			66,134.97
Security Deposits. . . .	118,855.55	(55,923.00)(d)	987.00 (d)		61,945.55
Totals	$ 256,732.98	$ 404,767.41	$ 195,496.40	$ (21,000.00)	$ 445,003.99

Account	Balance July 1, 19 62	July 1, 19 62 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Loan Funds	$ 9,380.03	$ 82,747.34	$ 27,107.75	$	$ 65,019.62
Experiment Station					
Sheep Exp. Station . . .	$ 2,358.32	$ 12,937.83	$ 2,331.16	$	$ 12,964.99
S. C. Crop Impr Assoc. .	58,373.02	6,135.59	3,542.23		60,966.38
S. C. Found Seed Assoc .	117,517.02	20,531.16	9,865.57		128,182.61
All Other.	180,116.68	48,781.30	71,385.20	64,633.00 (1)	222,145.78
Totals	$ 358,365.04	$ 88,385.88	$ 87,124.16	$ 64,633.00	$ 424,259.76
Extension Service					
4-H Club Work.	$ 30,410.21	$ 45,279.30	$ 34,746.22	$ 200.00 (6)	$ 41,143.29
Fed. St. Insp. Serv. . .	72,060.49	94,994.38	78,818.44		88,236.43
All Other.	25,637.85	13,684.81	11,854.62	(200.00) (6)	27,268.04
Totals	$ 128,108.55	$ 153,958.49	$ 125,419.28	$	$ 156,647.76

(a) Does not reflect $5,000.00 in Petty Cash and $39,328.23 in accounts receivable.
(b) Periodically transfers are made from Alumni Loyalty Fund to cover operating expenses of Alumni Association.
(c) Student Bank transactions are reported as net receipts after deduction for withdrawals for each day.
(d) Transactions shown are deposits and deposit refunds - not receipts and expenditures.
(1) (64,633.00) Transferred to Gov't. Land Timber Research Projects Account (04-11-255).
(2) 10,000.00 1961 Loyalty Fund allocation to Alumni Graduate Fellowships (Account 02-02-096).
(3) 2,000.00 1961 Loyalty Fund allocation to Faculty Travel Supplement (Account 02-02-095).
3,000.00 1961 Loyalty Fund allocation to Alumni Distinguished Professorships (Account 02-02-097).
6,000.00 1961 Loyalty Fund allocation to Faculty Basic Research (Account 02-02-098).
(4) (22,000.00) 1961 Loyalty Fund allocation.
(5) 1,000.00 1961 Loyalty Fund allocation to Student Government (Account 07-02-007).
(6) 200.00 Transferred from Farm Forestry Work (Account 06-31-004) to State Boys 4-H Club Work (Account 06-60-005).

Clemson Agricultural College
Statement of Bonded Indebtedness
as of September 30, 1962
(date)

Name of Fund or Issue	Date of Issue	Amount of Issue	Current Fiscal Year		
			Indebtedness Beginning of Year	Payments to Date	Current Indebtedness
Institution Bonds:					
First Issue	April 1, 1954	$ 3,100,000.00	$ 800,000.00		$ 800,000.00
Second Issue	July 1, 1955	750,000.00	475,000.00		475,000.00
Third Issue	November 1, 1957	2,100,000.00	1,798,000.00		1,798,000.00
Fourth Issue	May 1, 1959	1,900,000.00	1,615,000.00		1,615,000.00
Fifth Issue	May 1, 1960	1,075,000.00	1,055,000.00		1,055,000.00
Sixth Issue	May 1, 1961	800,000.00	780,000.00		780,000.00
Total Institution Bonds		$ 9,725,000.00	$ 6,523,000.00		$ 6,523,000.00
Dormitory & Housing Bonds:					
First Issue	September 1, 1954	$ 4,000,000.00	$ 3,394,000.00	$ 135,000.00	$ 3,259,000.00
Second Issue	March 1, 1958	835,000.00	697,000.00		697,000.00
Third Issue	July 1, 1959	775,000.00	714,000.00	32,000.00	682,000.00
Fourth Issue	September 1, 1960	890,000.00	862,000.00	30,000.00	832,000.00
Total Dorm & Housing Bonds		$ 6,500,000.00	$ 5,667,000.00	$ 197,000.00	$ 5,470,000.00
Faculty Housing Bonds	September 1, 1950	$ 2,500,000.00	$ 1,590,000.00	$ 98,000.00	$ 1,492,000.00
Water System Expansion Note	April 28, 1960	$ 400,000.00	$ 334,000.00		$ 334,000.00
Stadium Notes:					
First Issue	October 1, 1957	$ 300,000.00	$ 280,000.00		$ 280,000.00
Second Issue	August 1, 1960	150,000.00	140,000.00		140,000.00
Total Stadium Notes		$ 450,000.00	$ 420,000.00		$ 420,000.00
GRAND TOTAL		$ 19,575,000.00	$ 14,534,000.00	$ 295,000.00	$ 14,239,000.00

Clemson Agricultural College
Statement of Reserve for Bond Retirement
as of September 30, 1962
(date)

Name of Fund or Issue	Bond Retirement Reserve 7/1/62	Additions		Deductions			Current Reserve Balance
		Receipts	Investment Income	Bond Payments	Interest Paid	Other Charges	
Institution Bonds:							
First Issue (4/1/54)					$ 7,000.00	$ 36.00	
Second Issue (7/1/55)							
Third Issue (11/1/57)							
Fourth Issue (5/1/59)							
Fifth Issue (5/1/60)							
Sixth Issue (5/1/61)							
Total Institution Bonds	$ 424,883.10	$ 433,266.60	$ 7,055.68		$ 7,000.00	$ 36.00	$ 858,169.3
Dormitory & Housing Bonds:							
First Issue (9/1/54)				$ 135,000.00	$ 50,910.00		
Second Issue (3/1/58)					13,940.00		
Third Issue (7/1/59)				32,000.00	16,065.00		
Fourth Issue (9/1/60)				30,000.00	21,550.00		
Total Dorm & Housing Bonds	$ 621,843.98	$ 126,692.45		$ 197,000.00	$ 102,465.00		$ 449,071.4
Faculty Housing Bonds	$ 263,735.95	$ 35,986.59	$ 1,317.29	$ 98,000.00	$ 23,205.00		$ 179,834.8
Water System Expansion Note	.00	$ 15,365.13					$ 15,365.1
Stadium Notes:							
First Issue (10/1/57)							
Second Issue (8/1/60)							
Total Stadium Notes	$ 42,024.50	$ 6,253.75					$ 48,278.2
GRAND TOTAL	$ 1,352,487.53	$ 617,564.52	$ 8,372.97	$ 295,000.00	$ 132,670.00	$ 36.00	$1,550,719.0

Collegiate Activities - Current Operating Accounts

FINANCIAL REPORT

As of December 31, 1962

State Appropriations and Income

Operating Revenue Balance July 1, 1962	$ 169,257.49*
State Appropriations	3,604,820.00
Maintenance and Activity Fees July 1, 1962 to Date	366,385.40
Summer School	64,466.30
Morrill-Nelson	128,315.80
Other Income July 1, 1962 to Date	262,892.98
Special Research Appropriations (Research Projects)	500.00
Total	$ 4,596,637.97

Expenditures July 1, 19 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Admin. & Gen	$ 81,320.39	$ 6,242.59	$ 238,998.00	$ 326,560.98
Instruction:				
Dean of College	$ 2,904.28	$ 57.49	$ 17,708.38	$ 20,670.15
Agriculture	13,626.07	508.04	238,325.65	252,459.76
Architecture	2,017.87	4,512.48	63,671.13	70,201.48
Arts & Sciences	18,087.12	15,998.52	488,894.46	522,980.10
Engineering	17,277.96	14,463.32	332,606.38	364,347.66
Ind. Mngt.& Tex. Sci.	3,785.84	277.64	121,633.53	125,697.01
Air & Mil. Sci	4,216.48		248.90	4,465.38
Teaching & Res. in Water & Sewage	928.18		2,012.00	2,940.18
State Res. Appns.	1,453.49	4,802.36	12,410.00	18,665.85
Summer School	31.01		139,381.17	139,412.18
Library	8,911.37	28,543.59	54,085.94	91,540.90
State Dept. of Educ.	3,446.76		17,070.50	20,517.26
Total Instruction	$ 76,686.43	$ 69,163.44	$ 1,488,048.04	$ 1,633,897.91
Plant Operation & Maintenance	$ 218,318.69	$ 11,853.29	$ 220,043.12	$ 450,215.10
Grand Total	$ 376,325.51	$ 87,259.32	$ 1,947,089.16	$ 2,410,673.99

Unexpended Balance . . . . . $ 2,185,963.98

* Includes $103,894.10 collected in June for 1962 Summer School.

Auxiliary Enterprises

FINANCIAL REPORT

As of December 31, 1962

Income

Balance July 1, 1962	$ 111,682.35
Dining Hall July 1, 1962 to Date	623,830.37
Dormitories July 1, 1962 to Date	94,790.44
Student Health Center July 1, 1962 to Date	56,912.42
Laundry July 1, 1962 to Date	71,768.96
Total	$ 958,984.54

Expenditures July 1, 1962 to Date

Account	General Oper. Expenses	Equipment & Permanent Impr.	Personal Services	Total
Dining Hall	$ 370,666.22	$ 7,390.67	$ 145,003.56	$ 523,060.45
Dormitories	34,486.25	727.41	40,915.96	76,129.62
Stu. Health Cen.	18,029.92	2,006.79	32,525.39	52,562.10
Laundry	12,993.14	165.12	50,093.39	63,251.65
Totals	$ 436,175.53	$ 10,289.99	$ 268,538.30	$ 715,003.82

Unexpended Balance ..... $ 243,980.72*

* Includes $20,000.00 Bursar's Office Petty Cash

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of December 31, 1962

EXPERIMENT STATION

Appropriations and Income	
Public Service Operating Revenue Balance July 1, 1962	$ 55,160.36*
State Appropriations 1962 - 63	986,063.00
Federal Appropriations 1962 - 63	438,860.00
Farm Products Sales July 1, 1962 to Date	172,114.84
AMA Title II Balance July 1, 1962	150.00
Total	$ 1,652,348.20
Expenditures July 1, 1962 to Date	
Personal Services	$ 750,139.55
General Operating Expenses	207,914.42
Equipment and Permanent Improvements	36,394.46
Total	$ 994,448.43
Unexpended Balance	$ 657,899.77

EXTENSION SERVICE

Appropriation and Income	
State Appropriations 1962 - 63	$ 1,182,200.00
Federal Appropriation Balance July 1, 1962	45,294.11
Federal Appropriations 1962 - 63	804,421.00
Total	$ 2,031,915.11
Expenditures July 1, 1962 to Date	
Personal Services	$ 1,121,026.72
General Operating Expenses	200,087.93
Equipment and Permanent Improvements	5,655.19
Total	$ 1,326,769.84
Unexpended Balance	$ 705,145.27

* Includes $6,000.00 in Petty Cash accounts at five branch stations and $44,322.76 Economic Poisons Registration fees. These fees are collected on a calendar year basis and necessarily reflect a considerable balance as of July 1st.

Public Service Activities - Current Operating Accounts

FINANCIAL REPORT

As of December 31, 1962

LIVESTOCK - POULTRY HEALTH DEPARTMENT

State Appropriations and Miscellaneous Receipts	
State Appropriation 1962 - 63	$ 307,655.00
Sale of Serum July 1, 1962 to Date	2,082.33
Total	$ 309,737.33
Expenditures July 1, 1962 to Date	
General Operating Expenses	$ 40,733.28
Equipment & Permanent Improvements	3,182.45
Personal Services	99,565.40
Total	$ 143,481.13
Unexpended Balance	$ 166,256.20

FERTILIZER INSPECTION AND ANALYSIS DEPARTMENT

State Appropriation and Miscellaneous Receipts	
State Appropriation 1962 - 63	$ 94,246.00
Miscellaneous Receipts July 1, 1962 to Date	
Total	$ 94,246.00
Expenditures July 1, 1962 to Date	
General Operating Expenses	$ 5,899.85
Equipment & Permanent Improvements	445.54
Personal Services	33,259.53
Total	$ 39,604.92
Unexpended Balance	$ 54,641.08

Restricted Funds

FINANCIAL REPORT

As of December 31, 1962

(Balances do not include value of investments)

Account	Balance July 1, 19 62	July 1, 19 62 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Collegiate					
Farm & Home Week	$ 8,016.66	$ 5,374.00	$ 6,761.15	$	$ 6,629.51
Gov't Land Timber. . . .	15,495.59	50,447.98		(64,633.00) (1)	1,310.57
Clemson House.	(21,075.70) (a)	255,350.99	235,876.92		(1,601.63)
College Housing.	52,873.03	59,482.35	53,288.31		59,067.07
Student Aid.	40,838.69	39,458.63	33,326.30	10,000.00 (2)	56,971.02
Sponsored Research . . .	51,765.36	83,243.35	82,271.33		52,737.38
NSF--Summer Institutes .	14,401.40		14,401.40		.00
All Other.	166,195.16	212,245.97	78,358.44	(58,285.00) (3)	241,797.69
Totals	$ 328,510.19	$ 705,603.27	$ 504,283.85	$ (112,918.00)	$ 416,911.61
Agency					
Alumni Loyalty Fund. . .	$ 69,444.92	$ 31,008.01	$ 8,000.00	$ (22,000.00) (4)	$ 70,452.93
Alumni Assoc--Oper Acct.	(21,612.14)		20,247.27		(41,859.41) (b)
Clemson College Found. .	26,542.30	11,406.99	26,492.90		11,456.39
Y.M.C.A.	21,260.77	40,499.00	27,059.50		34,700.27
Student Organizations. .	(1,146.26)	50,785.59	28,278.49	1,791.44 (5)	23,152.28
Student Publications . .	4,432.77	42,623.20	12,322.34		34,733.63
Athletic Department. . .	(84,960.09)	388,963.85	416,634.20		(112,630.44)
Athletic Radio & T.V.. .	7,024.99	4,299.16	2,482.25		8,841.90
Book Store	13,292.46	170,025.24	153,501.18		29,816.52
Canteen.	6,387.05	130,427.06	106,678.53		30,135.58
All Other.	2,790.65	10,219.10	680.54	(791.44) (6)	11,537.77
Sub Totals	43,457.42	880,257.20	802,377.20	(21,000.00)	100,337.42
Student Bank	94,420.01	(25,837.06) (c)			68,582.95
Security Deposits. . . .	118,855.55	(53,443.00) (d)	4,329.42 (d)		61,083.13
Totals	$ 256,732.98	$ 800,977.14	$ 806,706.62	$ (21,000.00)	$ 230,003.50

Account	Balance July 1, 19 62	July 1, 1962 to Date Receipts	Expenditures	Transfers	Unexpended Balance
Loan Funds	$ 9.380.03	$ 87.960.31	$ 45,810 64	$	$ 51.529.70
Experiment Station					
Sheep Exp. Station . . .	$ 2,358.32	$ 12,937.83	$ 6,401.47	$	$ 8,894.68
S. C. Crop Impr Assoc. .	58,373.02	12,312.74	9,910.18		60,775.58
S. C. Found Seed Assoc .	117,517.02	51,892.92	26,035.61		143,374.33
All Other.	180,116.68	86,463.74	133,651.52	64,633.00 (1)	197,561.90
Totals	$ 358,365.04	$ 163,607.23	$ 175,998.78	$ 64,633.00	$ 410,606.49
Extension Service					
4-H Club Work.	$ 30,410.21	$ 52,157.02	$ 43,609.72	$ 200.00 (7)	$ 39,157.51
Fed. St. Insp. Serv. . .	72,060.49	109,916.62	83,154.71		98,822.40
All Other.	25,637.85	29,943.41	31,581.24	(200.00) (7)	23,800.02
Totals	$ 128,108.55	$ 192,017.05	$ 158,345.67	$	$ 161,779.93

(a) Does not reflect $5,000.00 in Petty Cash and $39,328.23 in accounts receivable.
(b) Periodically transfers are made from Alumni Loyalty Fund to cover operating expenses of Alumni Association.
(c) Student Bank transactions are reported as net receipts after deduction for withdrawals for each day.
(d) Transactions shown are deposits and deposit refunds - not receipts and expenditures.

(1)	($64,633.00)	Transferred to Gov't. Land Timber Research Projects Account (04-11-255).
(2)	$10,000.00	1961 Loyalty Fund allocation to Alumni Graduate Fellowships (Account 02-02-096).
(3)	2,000.00	1961 Loyalty Fund allocation to Faculty Travel Supplement (Account 02-02-095).
	3,000.00	1961 Loyalty Fund allocation to Alumni Distinguished Professorships (Account 02-02-097).
	6,000.00	1961 Loyalty Fund allocation to Faculty Basic Research (Account 02-02-098).
	(69,285.00)	Transferred from Condemned Lands - Hartwell Dam Project (02-01-013) to Experiment Station Relocation Projects (10-01-900).
(4)	(22,000.00)	1961 Loyalty Fund allocation.
(5)	1,000.00	1961 Loyalty Fund allocation to Student Government (Account 07-02-007).
	791.44	Transferred to Student Radio Station (07-02-004) from Maintenance & Activity Fees - Clearing Account (07-99-002).
(6)	(791.44)	See note (5) above for this same amount.
(7)	200.00	Transferred from Farm Forestry Work (Account 06-31-004) to State Boys 4-H Club Work (Account 06-60-005).

Clemson Agricultural College
Statement of Reserve for Bond Retirement
as of December 31, 1962
(date)

Name of Fund or Issue	Bond Retirement Reserve 7/1/62	Additions		Deductions			Current Reserve Balance
		Receipts	Investment Income	Bond Payments	Interest Paid	Other Charges	
Institution Bonds:							
First Issue (4/1/54)					$ 7,000.00	$ 36.00	
Second Issue (7/1/55)							
Third Issue (11/1/57)				$ 83,000.00	35,960.00		
Fourth Issue (5/1/59)					32,300.00		
Fifth Issue (5/1/60)					26,375.00		
Sixth Issue (5/1/61)					17,550.00		
Total Institution Bonds	$ 424,883.10	$ 441,319.70	$ 7,288.70	$ 83,000.00	$ 119,185.00	$ 36.00	$ 671,270.50
Dormitory & Housing Bonds:							
First Issue (9/1/54)				$ 135,000.00	$ 50,910.00		
Second Issue (3/1/58)					13,940.00		
Third Issue (7/1/59)				32,000.00	16,065.00		
Fourth Issue (9/1/60)				30,000.00	21,550 00		
Fifth Issue (9/1/62)							
Total Dorm & Housing Bonds	$ 621,843.98	$ 243,841.11		$ 197,000.00	$ 102,465.00		$ 566,220.09
Faculty Housing Bonds	$ 263,735.95	$ 71,915.34	$ 3,170.42	$ 98,000.00	$ 23,205.00	$ 677.50	$ 216,939.21
Water System Expansion Note	$ .00	$ 35,150.06					$ 35,150.06
Stadium Notes:							
First Issue (10/1/57)							
Second Issue (8/1/60)							
Total Stadium Notes	$ 42,024.50	$ 18,356.75					$ 60,381.25
GRAND TOTAL	$ 1,352,487.53	$ 810,582.96	$ 10,459.12	$ 378,000.00	$ 244,855.00	$ 713.50	$1,549,961.11

Clemson Agricultural College
Statement of Bonded Indebtedness
as of December 31, 1962
(date)

Name of Fund or Issue	Date of Issue	Amount of Issue	Current Fiscal Year		
			Indebtedness Beginning of Year	Payments to Date	Current Indebtedness
Institution Bonds:					
First Issue	April 1, 1954	$ 3,100,000.00	$ 800,000.00		$ 800,000.00
Second Issue	July 1, 1955	750,000.00	475,000.00		475,000.00
Third Issue	November 1, 1957	2,100,000.00	1,798,000.00	$ 83,000.00	1,715,000.00
Fourth Issue	May 1, 1959	1,900,000.00	1,615,000.00		1,615,000.00
Fifth Issue	May 1, 1960	1,075,000.00	1,055,000.00		1,055,000.00
Sixth Issue	May 1, 1961	800,000.00	780,000.00		780,000.00
Total Institution Bonds		$ 9,725,000.00	$ 6,523,000.00	$ 83,000.00	$ 6,440,000.00
Dormitory and Housing Bonds:					
First Issue	September 1, 1954	$ 4,000,000.00	$ 3,394,000.00	$ 135,000.00	$ 3,259,000.00
Second Issue	March 1, 1958	835,000.00	697,000.00		697,000.00
Third Issue	July 1, 1959	775,000.00	714,000.00	32,000.00	682,000.00
Fourth Issue	September 1, 1960	890,000.00	862,000.00	30,000.00	832,000.00
Fifth Issue	September 1, 1962	600,000.00			600,000.00
Total Dorm and Housing Bonds		$ 7,100,000.00	$ 5,667,000.00	$ 197,000.00	$ 6,070,000.00
Faculty Housing Bonds	September 1, 1950	$ 2,500,000.00	$ 1,590,000.00	$ 98,000.00	$ 1,492,000.00
Water System Expansion Note	April 28, 1960	$ 400,000.00	$ 334,000.00		$ 334,000.00
Stadium Notes:					
First Issue	October 1, 1957	$ 300,000.00	$ 280,000.00		$ 280,000.00
Second Issue	August 1, 1960	150,000.00	140,000.00		140,000.00
Total Stadium Notes		$ 450,000.00	$ 420,000.00		$ 420,000.00
GRAND TOTAL		$ 20,175,000.00	$ 14,534,000.00	$ 378,000.00	$14,756,000.00