### A PEN PICTURE OF CLEMSON COLLEGE

### Works for Welfare in Many Ways.

Picture a county estate of 1,500 acres, with stately buildings placed at elevated points to form a great irregular circle of half a mile in diameter. Inclose in this circle a beautiful grove of native an efficient system of fertilizer inoaks, threaded by smooth drive-spection and analysis, by which ways and paths and coment side- the farmer gets value received walks. Turn to the north and for from the tax he pays, and built a background outline against the and maintained a great agriculsky at a distance of 20 miles, tural and mechanical college, but range after range of mountains, they have gone a step farther than the home of the Highlands, of is required by their compact with Caesar's Head, Whitesides and the people and have sought to reother lofty peaks of the Blue turn to those who pay the tax in Ridge. Think of these mountains the shape of direct service, all that as in summer clothed with ver-dure, standing out black against the cost of operation and buildthe horizon, and in winter often ing. The public service has grown white with snow. Take for the as the fertilizer tax has grown, southern boundary a river of In- now reaching an annual total of dian lineage and follow in its over \$100,000. sweeping crookedness the swift | Clemson College, with its plant and turbulent Seneca as it twists well developed, its patronage asthis way and that to mark the sured and overflowing, its lines of confines of the estate. And to this public service popular and effisetting add broad expanses of cient, has behind it a creditable river bottom lands green with record of achievement, and before corn, steep hillsides sinuous with it a future bright with the promlevel grassy terraces and cool pas- ise of usefulness to South Carotures with winding brooks and lina. graceful shade trees and you have a picture of Clemson College, not colored to suit the canvas of an artist, but as seen every year by nearly a thousand young South Carolinians who seek, amid these surroundings, an education that will prepare them for self-respecting, self-supporting citizenship.

### A Storied Spot.

Clemson College is a unique blending of the old and the new, across the road from the cadet dormitories, which every session that, when completed, will become primarily for the cadets, ample of the historic with the now. Just house over 800 young men, and in an important factor in the social provision has also been made for sight of the new electric power and religious life of the student the alumni, faculty and people of station that day or night beats as body at the State's agricultural the college community. the industrial heart of the com- and mechanical college. It is the munity, is the white columned building of the Young Men's mansion of the illustrious John Christian Association, one of the C. Calhoun. One can almost pic- first association structures in the ture the great statesman, as with South, and one of the finest col- A Pleasant and Profitable Vacahands behind him he paces the lege association buildings in the avenues of cedar and oak, putting country. It is costing \$75,000 and never lived to see.

umned porch to match the man- \$10,000 still to be raised. This sion. This was the "study" of the sum was made up by the loyalty written many of his great ora- faculty, alumni and former stutions. Under this little study, dents. which is about 20 feet square, is dug a deep pit in which ice cut in gressing well and the contract winter was stored for summer use. How the seasons must have changed, for only during one or two winters of the 20 which the writer has spent in the "up coun- Mr. Thomas W. Cothran of ject he is specially interested in is farm demonstration agent, who try" has ice formed in sufficient Greenwood. The architect is Prof. being taught. thickness to justify such ample R. E. Lee, head of the division of

historic relics, including a chair cidence that Prof. Lee and Mr. will result in greatly increased prompt disposal of carcasses is used by Gen. George Washington, and a seven-foot mohair-covered class of 1896, the first class to fin- will also be given the winners in lounge on the back of which is ish at Clemson College. carved the American eagle. It is said that the engraving on our Italian Renaissance style of archicoins was copied from this carv- tecture, of vari-colored texture

toric memories, the peer of the mings and red tile roof. The in-Monticello, is a priceless State and It is to be two stories in height, signed for them. succeeding generations of young 120 feet and will contain about the disposal of those taking the South Carolinians who are priviles of the leaves of the form weeks' courses. The farm also a few form and the live for four weeks' courses. The farm also a few form and the live for four weeks' courses. The farm also a few form and the live form and the live form and the leaves of t national asset, and should be a with a basement and mezzanine ileged to live for four years in the It will be heated by steam and shadow of its historic walls.

Many are wont to ask why the

# A Vast Plant.

The college tract contains over 1,500 acres. On the property bowling alleys and for spectators. there are 23 principal public Two of the alleys will be installed buildings, 70 dwellings and 64 at present. minor buildings. The college has Bathing facilities will be lo- producers, but manure needs "rein its employ 401 teachers, officers cated in the basement and will inforcements" to bring out its and laborers. Its inventoried consist of a locker room of ample greatest value and to supply matproperty is \$1,327,728.57. The of-ficers of the college send out year-pool. The pool is to be 21 by 60 sides, the farms are few and far

near Summerville and the other at adjoining the locker room. representing the principal soil mittee room, a locker room for types of the State.

The desired and which appears to be found in the largest electrical specially adapted in all ways obtained.

The desired and which appears to be found in the largest electrical specially adapted in all ways obtained.

The enrollment has grown from 446 students in 1893 to 834. Originally there were but two courses of study-now there are 18. In addition to these regular degree courses, there is a four weeks' course for farmers and a one-session practical agricultural course extending from October 1 to June 1 for men over 18.

### Public Service.

But the trustees of Clemson College have not only organized

CLEMSON'S HANDSOME Y. M. C. A. BUILDING

Association Structure Now Being Bible study rooms and a hall for Built at Agricultural College Will Cost \$75,000, and Will Rank Among Finest in

Entire South. at Clemson College there is being their unemployed time pleasantly About 50 yards to the rear of that \$25,000 more should be forththe mansion is a queer little one- coming. The College trustees ap-

> Work on the building is procalls for completion before January 1, 1916. The work is not be-

The building is to be in the brick, with colored tile inserts, The old mansion with its his-

lighted by electricity.

The basement will contain a college does not bear the name of large room, 35 by 64 feet, suitable Calhoun instead of the name of for basketball games, wrestling, his son-in-law, Thos. G. Clemson. exercising, banquets and social The answer is that nowhere does gatherings. Adjoining the hall it appear in the records that Mr. will be a kitchen of ample size Calhoun ever wished or planned with modern equipment, a quick during the whole four weeks with is thoroughly curdled put it in a the erection of an industrial and lunch room and private dining its 30,000 books and many popu- churn and churn it for half an technical college on the old home- room. This will be fitted up in lar magazines. stead. The complete story of Mr. rathskellar style and will appeal Clemson's part in the founding to both students and members of of the college is too long to be told the faculty. A store for the sale competent faculty, with the ad-sour. After cooling, strain through of cold drinks, candies, etc., located in the center of the base- tories, will find Clemson College or curd. ment, completes this feature.

Space is provided for three

ly over 35,000 letters and over feet, a standard size which will between that produce enough way of farming at a loss. 435,000 other pieces of mail mat- permit of official records in swim- manure to fertilize all the land. ter, most of which give agricul- ming and other aquatic sports. even by the most careful live stock It will be finished throughout farming and by adding brought split log drag. This is one of the the Hawaiias, Philippine Islands,

Florence. One more to be situ- The mezzanine floor will con- is fertilized entirely with manure State, just as soon as funds will space for the store, a large room permit, will complete a system for college publications, a company the principal college publications, a company that the first principal college publications are constant to the principal college publications and the principal college publications are constant to the content of the college publications are constant to the content of the college publications are constant to the college publications are college publications.

# Clemson's Agricultural Service.

room, and a men's retiring room, HOG CHOLERA AND each with toilet.

The first floor will have as an entrance a loggia 12 feet wide, floored with quarry tile. From this loggia one will enter a large lobby flanked with rooms for games, reading and correspondence, lounging and smoking. A ladies' room for club and church meetings is provided on this floor. The main offices of the building will be located directly in front of the main entrance on the rear side of the lobby.

An auditorium with a seating apacity of 400 is to the rear of

The lobby and adjoining rooms are to be fitted out with large, comfortable chairs and lounges and are to be made attractive and homelike. The game room will have French windows opening upon the terrace over the swim-

ming pool. On the second floor will be a large hall, specially planned and suitably equipped for the use of literary societies and other student organizations.

On the south side of the building nine well equipped bed rooms will be provided, one of which will be reserved for the secretary and one as his guest room. The others will be reserved for the use their alma mater. The north side neighbors to go among their hogs maining thirteen counties this of the alumni when they visit of this floor will be devoted to the use of the local lodge of Ma-

The entire building is to be made as attractive as possible for the cadets, giving them a home-Just north of the textile school like place where they can spend

# SUMMER SHORT

into form those matchless ideals was made possible by the generos- offering a four weeks' course in injection with anti-hog cholera of patriotism whose fulfillment he ity of Mr. John D. Rockefeller, agriculture and cotton grading. serum.

who donated \$50,000 on condition The course begins August 9th and The The course begins August 5th and ends September 4th.

story room structure with col- propriated \$15,000, which left that one can get just what he most tion of the carcasses cholera ed for and one that she justly deneeds. During the first week the lesions are found, all healthy hogs serves. subject of dairying will be taught, should be moved at once to new great statesman, and here were and contributions from cadets, the second week animal husban- lots or pens until they can be indry, and the third horticulture. jected with serum. For the last week of the course A farmer finding cholera agronomy, which includes field among his hogs should at once apcrops, soils, fertilizers, etc., will be ply to the Veterinary Division, the chief subject.

A special course for teachers serum. drawing and architectural engi- of agriculture has been arranged In the old mansion are many neering at Clemson. It is a coin- and four weeks spent at Clemson see that the State law relative to Cothran are both graduates of the efficiency. Four weeks instruction strictly enforced. the Boys' Corn Club work of the

> Clemson College inaugurates the first summer school in the

four weeks' courses. The farm, also a good medicinal effect.

dairy, dairy barn and all the lab
Good buttermilk can be made as practicable. oratories will be open for use in artificially as follows: Add to

the faculty or other lecturer prom- | dle the mixture in six or seven

cation under the direction of a perature to prevent its getting too vantages of well equipped labora- cheese cloth to remove any lumps an ideal place for summer.

# "Reinforcing" Manure.

Manure is the best of all crop tion, the college maintains two branch experiment stations—one will be located in the basement, Manure is especially deficient in making life on the farm pleasifications of its agricultural gradfeeds to the crops grown and rephosphoric acid and where a crop anter.

# HOW TO CONTROL IT

There are two principal methods of preventing hog cholera; one by the use of serum, and the

which are here outlined briefly. Hog cholera is spread by failure properly to dispose of the carcases of dead hogs. Buzzards, dogs and other animals feeding the close cooperation of the State, upon these carcasses can carry in- through Clemson Agricultural home school finds it impossible to fection to other premises. All car- College, and the Bureau of Anicasses should be burned or buried mal Industry, United States Deimmediately, and buzzards should partment of Agriculture, in their be destroyed in communities systematic manner in conducting ples upon which good farming where they are not protected by the work, on the one hand, and rests. It begins October 1st and law. In communities where these the hearty cooperation of the live ends June 1st. scavengers are thus protected, the stock owners and progressive citilaw should be repealed and the zens of the State on the other. birds destroyed.

ises where there are sick hogs. when cholera exists in the com- year. munity. Healthy hogs should be near the healthy drove.

Cholera may be spread by streams receiving drainage from or by failure to isolate newly purchased hogs until their freedom from disease has been ascertained. These three matters deserve careful attention.

When cholera exists in a neighborhood every hog owner should establish a strict quarantine on his individual premises. When the disease exists on adjoining Clemson College is this summer farms hogs should be protected by

The sudden death of one or two

Clemson College, for serum, Any one interested in agricul- which is to be had at actual cost has been instructed in the use of

It is the duty of all citizens to

### BUTTERMILK THAT IS BETTER AND CHEAPER

All bacteria do not make trouble South for ministers interested in and doctors' bills. Some of them rural affairs. A ten-day course make buttermilk and buttermilk Hermitage, Mount Vernon and terior finish will be of yellow pine.

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Hermitage, Mount Vernon and terior f an excellent food besides. Its nuricultural department will be at of buttermilk being equal to about should not be allowed in and has dried off the leaves of the

> instruction.
>
> Popular lectures will be given half pint of whole milk and each evening by some member of enough "starter" or clabber to curinent in State or national affairs. hours at ordinary living-room The college library will be open temperatures. When the mixture hour. After churning, cool the Persons wishing to spend a va- mixture down to well water tem-

> > This simple process will give a good, refreshing, tasteful beverage that is both enjoyable and

> > To produce good crops of cotton and corn, frequent and shal-

### TICK ERADICATION.

Great progress was made last year in tick eradication. A larger area (approximately 4,000 square miles) was released from State other by taking care to avoid the and Federal quarantine than in methods of spreading the disease, any one year since the work was organized along systematic lines. Still greater progress is anticipated as a result of this year's work. This is made possible by

Another very common method W. K. Lewis, inspector in charge, of spreading hog cholera is walk- Columbia, S. C. He and his able ing through yards or fields where corps of assistants are pushing the sick hogs are kept and carrying work with all enegry and speed on the farm for at least three the infection on shoes and cloth- commensurate with the appropriing to other premises where ations made by the State and Fedhealthy hogs are confined. It eral governments, that the entire the seventh grade. should be remembered that dis- State may be released from quarcharges from hogs infected with antine as soon as possible. Twencholera are very infectious, and ty-one counties have been rethe owners should not go or allow leased; the work is in progress, any of their help to go on prem- along systematic lines, in ten other 30 years old. counties and will be conducted Neither should they allow their along preliminary lines in the re-

In the free areas a great interest cared for by persons who have is being taken in live stock im-not been where the disease exists, provement; pure bred sires are beand no one else should be allowed ing imported to improve the presfed during the winter months, and tion. with the very satisfactory method infected premises, by buying hogs of marketing that is being confrom premises where the disease ducted by the South Carolina exexists, or from public stock yards, tension department in cooperation tural subjects each student is with the department of agriculture in Washington, the live stock industry in these sections is well on to the road of success. In other ings, institutes, etc. words, the eradication of the catstock industry possible.

this work are of such a far-reaching nature that it behooves every public spirited citizen to lend his moral and active support to those RESULTS OF TOP-DRESSING engaged in conducting it, that our grand old State may forge to the Best Times to Apply Nitrate of hogs should lead the owner to sus- front in live stock raising, a po-The school will be arranged so pect cholera. If upon examina- sition that she is especially adapt-

# THE COTTON RED SPIDER.

During dry weather one will the red spider. It is a dry weather the soil. insect, and if not stopped, it often does serious damage.

This, so far, appears to be a fav-orable year, and farmers should March. Care should be taken not

As soon as the first infested plow. plants are discovered they should be carefully removed and burned. Blood red spots will show on the upper surface of leaves attacked. If this is not done then the insects will spread from plant to plant and in a short time cause the ruination of a large area of cotton. This migration has to take place on foot, as the insects have no parent that to a great extent at least it is everybody's own problem, regardless of his neighbors.

Whenever the infestation sprays may be given.

# Clemson's Graduates.

The one thousand men who have been graduated from Clemand responsible positions in thirty-three States and the District of It is never too late to use the Columbia, in Cuba, Canal Zone, Hogs fattened on peanuts and employment by the United States at this season the value of the

### THE ONE-YEAR COURSE IN AGRICULTURE

Realizing that many young farmers throughout the State could spare neither the time nor the money to take a four-year college course, Clemson College inaugurated three years ago the oneyear course in agriculture. Many a young farmer after finishing his take a four-year college course. The one-year course is intended to give the simple scientific princi-

Its purpose is to take a young man already a farmer and make This work is supervised by Dr. of him a better farmer.

The requirements for admission are that the applicant must be 18 years of age, must have worked years and have had a common school education through about

During the three sessions in which the course has been given, 171 young men have been enrolled. These men were between 18 and

In order to assist worthy young men who have accomplished something along agricultural lines, there are 51 scholarships provided for out of the yearly income of the college. These scholarships are worth \$100.00 per session and free tuition and are ent strains; more cattle are being awarded on competitive examina-

> One feature of the course is that it seeks to make community leaders. In addition to agriculgiven instruction in parliamentary practice and gets experience in organizing and presiding over meet-

It is hoped that in a few years tle tick is making a profitable live these men will become leaders in all things looking to the good of The benefits to be derived from their communities and of the com-

Soda to Corn and Cotton.

Results obtained at the South Carolina Experiment Station show that a top-dressing with ni-trate of soda gives good results on cotton, corn and small grains. The increase is most marked during a wet year, because this nitrogen is notice reddish areas on leaves of already in an immediately availcertain plants. It is especially able form, while the rotting of noticeable on violets. The leaves the organic sources does not prosoon turn brown and become dry ceed as rapidly as usual on acand brittle. Many people call it count of the excess of moisture in rust, but if one stops to examine the soil. The amount to apply per into the matter closely he will acre varies with the fertility of find little reddish colored mites the soil and the previous fertilizaon the under surfaces of the tion, but we would suggest from leaves. The characteristic web 50 pounds per acre on poor land can also be easily noticed. This is up, according to the fertility of

Early applications are coming into favor. We recommend that The cotton red spider is one of the soda be applied to corn when our most important cotton pests it is between knee and waist high, during June, July and August. to cotton just as the shapes begin watch their cotton for the first ap- to sow nitrate of soda on wet Poke weed and violet plants after a rain, when the moisture as the ground is dry enough to

# BAGGING GRAPES.

Grapes can be grown in almost any section of South Carolina. After the grapes have set, they should be sprayed with Bordeaux mixture (see circular No. 25 issued by Clemson College), and wings. This makes it at once ap- then be bagged to protect them from disease, birds and bees. Bagging also prolongs the ripening season and after ripening the grapes will hang on the vines for spreads and the infested spots a longer time without spoiling. become larger, one of several Strong Manila paper bags (sizes sprays may be given.

No. 2 and No. 3) should be used so as to resist the weather and the sharp beaks of birds.

The bag should be slipped over the bunch and pinned or wired closely about the stem. A pin hole in the bottom of the bag will

drain off the rain water. An inexperienced hand can put on 500 bags a day, and an experienced worker 2,000. It will pay you to bag your grapes.

Farmers in the coastal plain