The Lookout

Connecticut Agricultural College

Storrs, Connecticut

January

1913
Connecticut Agricultural College.

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PUBLISHED MONTHLY DURING THE COLLEGE YEAR
BY THE STUDENTS OF
THE CONNECTICUT AGRICULTURAL COLLEGE

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1916, Freshman—J. A. Morgan.
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1914, School of Agr.—R. F. Merril.
Most men enter an agricultural college because of their appreciation of the immense possibilities presented to young men who acquire a sound knowledge of the theory and practice of that useful and necessary art. The application of science has revolutionized the entire practice of agriculture. The increasing complexity of modern civilization and the consequent withdrawal of vast numbers from the field of agricultural production have very greatly emphasized the importance of the farmer, and at the same time turned the attention of the country at large to the necessity of better farming as a means to greater production.

Further than this the great number of vocations to which agricultural education leads is an important factor in influencing men in their choice of college. The agricultural college does vastly more than fit a man for farming. The graduate of an agricultural college may become a business man as manager of a farm for himself, or for someone else; he may choose teaching and enter some college as instructor; he may prefer experimentation, and enter the vast field offered by state experiment stations and the federal bureau of agriculture. Any one of these courses is open to a student. Which vocation to choose is the troublesome question. The shaping of one's course to conform to his choice is easy compared to the choice itself. The only sensible course open to such a student, and there are many such, is to improve his every opportunity to obtain an excellent education upon which he may build, and as age and acquired knowledge of his peculiarities, capabilities, and tastes, shall become greater, he will find himself naturally drawn to the work best suited to him.

It is to be regretted that there are no athletic notes this month. Our basketball and hockey sports have not been a success this winter. We look forward with much glad anticipation to our new gymnasium which will mean so much to our athletics. Our basketball can then
be a greater feature of the winter months. Supplied with a suitable floor our really good material can get requisite practice of the right kind.

The hockey season has been spoiled by the openness of the winter. Until the past few weeks no ice has formed to make possible a profitable use of the new rink.

What the Connecticut Agricultural College has done and is planning to do for the Fruit Interests of Connecticut

By Dr. C. D. Jarvis, Director Connecticut Agricultural College, Extension Service.

ORCHARD DEMONSTRATION.

The work of the college in co-operation with the Society relative to demonstration of the methods and possibilities of renovating neglected apple orchards is familiar to most Connecticut fruit-growers. The work was started three years ago—two orchards, one in Cheshire and the other in Pomfret, being selected for the purpose. These two orchards are now on a profitable basis and the owners and their neighbors have been convinced of the value of the work. Last year another orchard was selected, this one at Bethel. Only about half of the orchard was improved, the remainder being left for comparison. The renovated trees presented a vigorous appearance at the end of the season and a fair crop of fruit is expected next season.

In addition to these three orchards, which we call permanent demonstration orchards, we have given many temporary demonstrations in various parts of the state. Ten of these were given in the spring of 1911, and twelve were given last spring. In these we have simply arranged with a farmer for a one-day meeting in his orchard where we have attempted to demonstrate the methods of pruning, spraying, and so forth. Large numbers of people are reached in this way, but the plan has one weak point, namely, the work is not always followed up, and in such cases there is a tendency to reflect discredit upon the college. The permanent demonstrations, therefore, are more satisfactory, and in the future we shall endeavor to do more of this kind of work. If a temporary demonstration is given, we must have some assurance that the work will be followed up.
THE COUNTY EXPERT.

In co-operation with the United States Department of Agriculture, we hope to establish in each county of the state what may be called a Farm Bureau. Each bureau will be conducted under the direction of an expert agriculturist whose duty it will be to render assistance to the farmers of the county. He will give assistance in the organizing of farmers’ clubs, corn clubs, cow-testing associations, co-operative associations, and the like. He will conduct practical demonstrations in crop rotation, soil improvement, farm management, orchard practice, and in many other farm operations. He will cooperate with the rural school and the rural church and any other institution that has for its object the up-building of country life and the promotion of agriculture.

This type of extension work in agriculture has wrought great results in the south and it has been thoroughly demonstrated that it is the most satisfactory way of carrying instruction to the farm. The agricultural bulletins and the farmers’ institutes have not reached the masses, and they have not been as effective as was expected. In the future, individual instruction and practical demonstrations are bound to exert a great influence upon agricultural production and prosperity.

THE PLAN.

Experience has shown that it is dangerous to help the farmers too much, for there are many who would allow themselves to be carried along so long as there was anyone to carry them. The purpose of the whole movement is to teach farmers to help themselves. The college and the Department of Agriculture expect to have funds available for this purpose but for the permanent good of the cause we believe that it would be unwise to spend public money in this way unless there comes a demand from the people in several counties. The demand also should be accompanied we believe with an offer of financial support. The farmers can well afford to support such a proposition, but they are not the only class that is likely to be benefited. The manufacturers and the merchants are bound to be benefited, for the prosperity of any rural section always brings prosperity to the towns within its limits. The manufacturers, the railroads and the various chambers of commerce, boards of trade and business men’s associations are now seriously considering ways and means by which the agricultural interests may be best promoted.

The plan, therefore, is to call together the various interests in the respective counties of the state with a view of organizing a sort of chamber of commerce for each county. In this way the college and the Department of Agriculture may have some responsible body
with whom they may confer with a view to establishing the county farm bureaus.

Representing both the college and the United States Department of Agriculture, the writer solicits the co-operation of public-spirited citizens in the various counties. The work will require diligent effort on the part of someone in each county, for the initiative must come from within rather than from without. In Fairfield County plans are fairly well under way and it is hoped that the permanent organization will be completed within a few weeks. To take advantage of the available funds of the Department, it is important the organization be completed and an application in not later than June first. Further information will be supplied upon application to the Connecticut Agricultural College Extension Service, Storrs, Conn.

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**Brief Summaries of the Addresses**

*Given at the Thirty-second Annual Convention of the Connecticut Dairymen’s Association.*

**THE CONTROL OF CONTAGIOUS ABORTION.**

This discussion was begun by Mr. F. H. Stadtmueller, Superintendent of Vine Hill Farm, West Hartford. He dealt principally with the building up of a healthy herd. To accomplish this he showed that one thing is certainly necessary, namely, that animals infected with contagious abortion germs must be detected before they have aborted. Fortunately, such detection is now possible through the bacteriological laboratory where certain methods of isolating and recognizing the germs have been recently discovered. The only thing now necessary for the farmer to do in order to receive the benefit of this discovery and subsequent method of detection is to draw with the aid of a veterinarian a small amount of blood from the jugular vein of the suspected animal. This blood sent to some properly equipped bacteriological laboratory, such as the board of health requires, can there be tested, and the animals whose blood tests positively may be separated from those whose blood tests negatively. Within a year or two a second similar test should be made to permit further selection and separation if necessary. In this way a herd of animals free from contagious abortion can be obtained.

At this present time, however, sufficiently well-equipped laboratories are not available to farmers in general and until they are most farmers must resort to other means of lessening the disasters at-
tendant upon the presence of this disease. Much profit will result from immediate separation and isolation from the rest of the herd of those animals which have just aborted or show the well-known signs of approaching abortion. This with the precaution of allowing no strange animals in the stables will materially help to ward off some of those swift rapidly spreading attacks of the disease frequently reported by dairymen.

After a herd has been rendered free from the disease by the use of the bacteriological test, care must yet be taken to prevent re-infection, especially from outside animals. Purchased animals should be confined away from the herd until by testing their blood the animals are conclusively proved to be free from contagious abortion germs. Always disinfect the stable where, in spite of the caretaker’s watchfulness, an animal has aborted. It is not advisable to put back into old stables a herd that has been built up in a healthy condition, free from the disease.

After this talk by Mr. Stadtmueller the discussion was continued by Professor Conn of Wesleyan University. Professor Conn gave a history of the study that has been made of contagious abortion. It was very interesting to hear how after much investigation the scientists have discovered the bacillus responsible for the disease and have now obtained a method by which animals infected by this bacillus may be distinguished from those not so infected. Professor Conn stated that such distinction can be correctly made by means of the agglutination and fixation tests, when used together. Although errors may occur in one test, the other will reveal them. The only drawback to a profitable widespread use of these tests is found in the lack of laboratories suitably equipped to carry them out, for they are somewhat delicate and elaborate. While the tests may be successfully made in board of health laboratories, it does not seem right to use for this purpose funds appropriated for other work.

IS CHEESE MAKING PRACTICAL IN CONNECTICUT?

Professor Thom of the Connecticut Agricultural College assumed that anything that can be added to the dietary of the farm home, without excessive cost, in either time or material, and that at the same time can be made from farm products, is of economic value. He then proved that ordinary cottage cheese can be made to be such an article. Again, milk dealers daily find that some milk remains after going their rounds. This milk made into cottage cheese could still be sold to advantage after a market has been made for it, and a market could be easily created. Cheese making as an industry by itself, according to Professor Thom, is not practical in Connecticut.
The Lookout

Profitable Soil Enrichment in Permanent Agriculture.

Professor C. G. Hopkins of the University of Illinois began his address with the statement that soil enrichment is of great importance, because it is profitable and permanent. The three essentials for the enrichment of normal soils are limestone, organic manures, and phosphorus.

The three principal elements required in the growth of plants are nitrogen, potassium and phosphorus. The normal amount of potassium already existing in the crust of the earth is 49,200 pounds per acre. Most of this vast amount is, however, not available by plants, and is only made available by the action of acids. The acids are present as the result of organic decomposition, which decomposition is possible only when organic matter exists in the soil, in the form of barnyard or green manures. Conversely, the presence of large quantities of organic matter in a soil means the presence of much acid which, in turn, makes available more than enough potassium for the crops growing thereon.

Nitrogen is the most expensive and hardest food to maintain in sufficient quantities in the soil. But by the fixation of nitrogen from the air, where approximately 69,000,000 pounds are found above each acre, by means of nitrogen-gathering plants or legumes, such as alfalfa, clover, and vetch, nitrogen in abundance can be returned to the soil by turning these crops under. Organic matter, desired for the liberation of potassium, will at the same time be supplied the soil. The legumes, unfortunately, will not thrive in an acid soil. Therefore lime must be applied to the soil to neutralize its acidity. The best form of lime to use is natural lime carbonate.

The last necessary plant food, phosphorus, exists in normal soil in amounts ranging from 1,000 to 2,200 pounds per acre. A crop of corn, removing 100 bushels of grain per acre, takes from the soil 17 pounds of phosphorus. At this rate the supply of phosphorus would be exhausted at the end of 130 years. Therefore to insure a permanent agriculture, phosphorus must be put back into the soil. For the farmer raw rock phosphate is the best form of phosphorus for application. Only two things need be guaranteed by the seller—the percentage of purity or its richness in phosphorus, and the fineness which should be so that the particles of phosphate will go through a screen containing 10,000 holes to the square inch.

In this way Professor Hopkins proved that limestone, organic manures, and phosphorus alone are needed to maintain a permanent agriculture: limestone to enable the growth of legumes to supply nitrogen; organic manures to supply acids to make available the
potassium and other mineral elements; and phosphorus to prevent entire exhaustion of this element in the soil.

**IMPORTANT FACTORS IN CREAMERY AND DAIRY BUTTER MAKING.**

According to Professor Lockwood, of Amherst, Massachusetts, successful butter making depends solely upon the control exercised by the butter-maker. He must have control of the milk from the time it is drawn until as butter it reaches the hands of the consumer. Because the dairyman has better control of the milk he can have better butter than the creamery man. No butter-maker can make good butter from poor cream. After good cream for churning has been obtained, the next most important consideration is the control of the temperature. Upon the churning temperature depends the exhaustibility of the churn, and the fineness of the granules which should be between the size of wheat and corn kernels. It is very important to wash the butter thoroughly to get out all the buttermilk, the presence of which causes rancidity. Buttermilk does not improve the flavor. The coloring added before churning begins varies in amount according to individual taste and the demand of the market. After washing, salt the butter with the best of salt, sifted and dissolved. Avoid excessive working, which causes a dry butter. Right in this one particular Connecticut butter-makers are at fault. Professor Lockwood’s experience with Connecticut butter is that it seldom contains over 8% water. Now the law allows 15.9% water. Therefore, the Connecticut butter-maker is losing or literally throwing away five pounds in every 100 pounds he makes. Besides the economical saving in making moister butter, the distribution of salt will be more uniform. After the butter is made, the next important thing is the package, and in this stage of manufacture anything that adds to the attractiveness of the article adds to the price. Thus Professor Lockwood covered what he considered the most important facts in butter making.

**THE BUSINESS OF DAIRYING AND THE COLLEGE HERD.**

Professor Trueman of the Connecticut Agricultural College explained the inability of the Connecticut dairymen to raise the price of milk as follows:

The work of dairying in the past has not been a business by itself. It has been an adjunct or side issue of the farm. Even to-day the average Connecticut dairy herd consists of but six cows. On farms where from three to six cows are kept, milk is considered as a by-product, and the man who produces such milk as a by-product
is able to sell it for less than the man who makes dairying his sole occupation. The reason he can do this is that the time spent on his three or four cows is not considered of value, since the time is put in before breakfast and after supper. Then, again, he feeds his cows on any roughage that may haply grow about the farm, supplementing it with what corn he can conveniently grow. Thus from nothing in the nature of expensive feeds such a dairyman gets something in the form of milk which at any price is profitable. Statistics show that the bulk of milk supplied the cities comes from these small dairies and it is in these small dairies that foul insanitary conditions exist. Let alone the thirty-cow dairyman, who has to produce a product in competition with other big dairymen, and set the milk inspector onto the little fellows who, because of their carelessness and inferior product, have made milk inspection necessary.

The dairy business has to do with things we have little control over, as the cost of feed, labor, and investment. All these items have increased in value and to offset this some people say that dairymen get four and one-half cents instead of two. They forget that milk has never been sold for what it was worth which, in short, is the root of reasons why the dairy business has never been as profitable as it should be.

Professor Trueman called attention to the items which should be included in any accounting for the dairy herd. It is wrong to say feed is the only cost and that the manure equals the cost of care, labor and shelter. To raise a heifer at the college costs $75.00. Depreciation can be covered by $13.00 a year. Labor costs from $27.50 to $30.00. Feed costs $65.00 on the outside. Besides these expenses there is bedding, keep of bull, taxes and insurance to consider.

Professor Trueman mentioned the many things a successful farmer must know. He must know the soil, cows, and how to control himself. He must know how to feed; when animals are sick; he must study the science of breeding. Most of all, he must know men. It requires a high type of man to be a successful farmer.

X X X

College Organizations

THE GLEE AND MANDOLIN CLUBS.

At the beginning of the school year the Glee Club started its third season and united with the Mandolin Club, bringing both organizations under one head. Work was begun at once on the large number of men interested in the Glee Club to develop them into shape that they might give excellent accounts of themselves. Under
the instruction of L. E. Berry they have made rapid progress and are getting results for their labors.

On January 17th the Glee and Mandolin Clubs went to Windsor and gave a concert there similar to the one given there last year. The crowd was larger than last year, which demonstrated that the Windsor people are well satisfied with our work.

On January 24th a concert was given in the College Chapel, where the fine work of the clubs was enjoyed by the faculty and students.

The following Friday evening they gave a very pleasing concert before a very large audience in Plainville. Encores were demanded for every number and a great deal of enthusiasm was shown. The organization has received much praise for its good work.

The concerts given are typical College Glee Club concerts, made to please and be lively. The popular selections are the readings by Mr. Avery, the solos by Mr. Kilmar, and the songs by the quartette, furnishing a varied and interesting concert enjoyed by any audience.

We are still working for a better organization that in time may compete favorably with the Glee Clubs of the larger colleges.

THE AGRICULTURAL CLUB.

Two years ago a number of the students of this college, realizing the need of an agricultural club at Storrs, organized what is now the Agricultural Club. Such an organization had been attempted before but was of no permanency. The organization is associated with similar organizations in the other state colleges of New England, the whole being known as the New England Federation of Agricultural Students. Mr. Harper of our club is Secretary of the Federation.

The purpose of the club is to bring the students together, socially, and to make a study of special phases of agriculture, by means of lectures, talks and papers. Meetings are held monthly, the programs being varied and very interesting. The club also sends judging teams to compete with teams from the other clubs in the federation, both in stock and in fruit judging.

The present membership is forty-nine. It should include every student of Storrs. The dues are one dollar a year. The benefit from the club is immeasurable.

Are you a member? If not, why not? Ask the Secretary about joining the next time you see him, so that you can be present at the next meeting. Look in the library at the cups won by the members of club and you will have inspiration enough to try for one of the teams yourself.
A Selected List of New Library Books

Arizona Nights.—White.
Task of Social Hygiene.—Ellis.
Fire Prevention.—Freitag.
Health on the Farm.—Harris.
From Kitchen to Garret.—Van de Water.
Building Construction.—Kidder.
Radiation, Light and Illumination.—Steinmetz.

Some of the most important books accessioned during the month of December.

Miss Sarah Stanton recently spent Sunday with Miss Claribel Lewis, of Stratford.

* * * * *

On February 10th the girls of Grove Cottage gave Miss Ruth Newton a pleasant surprise party in honor of her birthday. Miss Packard also entertained Miss Newton on this date.

* * * * *

The officers of the B. G. K. are: President, Miss Dora House; vice-president, Marjory Brewster; secretary, Gene Griswold. The club expects to use the girls' gymnasium as a new club-room. A cake sale and dance were given to obtain money for furniture. Betta Gamma Kappa wishes to thank the student-body and friends who have given support in these activities.

* * * * *

Mrs. Prouty, of Meriden, recently spent the week-end with her daughter, Miss Marilla Prouty, who is a new student here.
The Dramatic Club attended the Colonel's Maid, given by the Stafford High School. Many helpful ideas were obtained, and it is expected that the club will really produce the long-looked for play, February 22d.

Mrs. Beach entertained the stenographers and assistants by giving a whist party.

Mr. Günther has resigned his position as chief clerk and accepted a more lucrative position in Hartford. Mr. Raymond Longley, of West Hartford, is our new chief clerk.

Dr. Currie and Prof. Manter gave a whist party. The first prize was won by Miss Hopson and the second by Mr. Mathewson.

Miss May Gilligan, former stenographer to Dr. Jarvis, is now occupying the position as stenographer to the Secretary of Southern Engineering Company, of Hartford.

A new safe has been established in the registrar's office, so from now on the freshmen may feel sure that their High School records are secure.

Grouch Edition:

How to develop a good fat grouch:
Forget to make your bed some day.
"Sass" the waiter after 15 minutes past the hour.
Try scraping your face with a dull razor.
And if these fail, sit down and write some college notes.

The idea that only three things exist in Storrs, namely: Morning, noon and night, is a delusion and a snare. If you want to verify it, start something.

Voluntary church attendance, February 16th—Seven students. Being good is such a lonesome job.

Ralph Scoville had the pleasure of warming his heels in the cooler in Ag. Hall lately, while taking a compulsory course in cheese investigation. "Cheese it," next time, Ralph.
We regret to learn of the resignation of Mr. Bower from the faculty and wish him success in his future work.

Freshie—“I wonder if it’s cold enough to have chapel this morning.”

The Military Ball on February 22d is one of the dances of the year which linger in our memory.

Have you met “Rough House Harry” of Storrs Hall?

The College Orchestra drove across country to Hampton on Saturday, February 15th, and gave a concert under the auspices of the Little River Grange. The concert was a success in every way. The leading features of the evening were the readings by Mr. Young, the vocal solo by Mr. Kilmar, and the musical selections by Messrs. Trueman, Graves, and Toomey.

As has been the case within our recollection, the annual mid-year Military Ball stirred Jupiter Pluvius to immediate and copious action. The mysterious force at work in the winter soil, as we are assured by Professor Esten, bestirred themselves and the roads between this place and Willimantic became practically impassable to man and beast, and a sorrow to the auto as well. The usual number of dapper young gentlemen met the customary quota of enthusiastic young women on the romantic platform of the Willimantic station.

The social committee of the faculty is greatly to be congratulated on their success in providing entertainments not only enjoyable in themselves but of a merit far above those usually given in places so difficult of access as Storrs. The concert recently given by the Aida Quartette with Mr. C. Pol Plancon, as vocalist, was particularly successful. The program was a very happy blending of operatic and standard selections. The singing of Mr. C. Pol Plancon was received by the audience with enthusiasm. Encores were freely given and were good naturally responded to by all the members of the troupe. **THE LOOKOUT** hopes that this combination may be heard here again. We append the program:
AIDA QUARTETTE AND C. POL PLANCON

NORMA SAUTER ........................................... Violin
EDNA WHITE ........................................... Trumpet and Piano
CORA SAUTER ........................................... 'Cello
CLARA HAVEN ........................................... Trumpet

PART I

1. March of the Coronation .......................................................... Meyerbeer
   QUARTETTE
2. Aria (from Il Barbiere di Seviglia) ........................................... Rossini
   MR. PLANCON
3. Fantasie ........................................................................ Arban
   MISS WHITE
4. Gypsy Dance ........................................................................ Nachez
   MISS SAUTER
5. My Heart at Thy Dear Voice .................................................... Saint Saens
   TRIO
6. Partrouille Enfantene ............................................................. Gillet
   TRUMPET QUARTETTE

PART II

1. Eri Tu (from Un Ballo in Maschera) ........................................... Verdi
   MR. PLANCON
2. The Spider ........................................................................ Dunkler
   MISS CORA SAUTER
3. Carmena ........................................................................ Nillson
   TRUMPET QUARTETTE
4. (a) Serenade ........................................................................ Pierne
   (b) Spanish Dance ................................................................ Moszkowski
   TRIO
5. March from Aida ................................................................. Verdi
   TRUMPET TRIO AND PIANO

The Dramatic Club, the last of the college organizations to present its work to the public, gave, very capably, on Saturday, the twenty-second of February, the play upon which for some time they have been at work. The performance was unusually successful; the play was well within the capacity of the company; the parts were judiciously distributed and faultlessly learned; the actors gave evidence of a thorough understanding of their parts; their training had been evidently sufficient to secure what in football would be called teamwork. The smoothness and excellence of the presentation was in spite of what seemed to the critic the almost insuperable difficulty of insufficient stage and incompetent setting, and in fact emphasized the pressing need of proper stage and accessories to encourage and bring out the capabilities of this most deserving organization. The Glee Club and the Dramatic Club, with the other musical organizations, are among the most valuable aids, not only to the social life, but to the educational sufficiency of Storrs.
Alumni Notes

Perhaps it would be of interest at least to some of our alumni to know that such an organization as the Connecticut Agricultural College Glee Club really does exist, and also that our Glee Club is a good one, one that can give a tip-top concert, and is well liked by those who have listened to its work. However, as our Glee Club is young and not very well known throughout the state, it is a very hard proposition to arrange a schedule. But if the alumni would encourage their townspeople to give us a chance at least, our Glee Club can be relied upon to give a commendable concert.

'09. Mr. George B. Treadwell was married to Mrs. Jennie C. Downs, of Danbury. They will make Georgetown their home, where Mr. Treadwell is engaged in dairy lines.

'09. R. C. Hall is in the automobile business at Danbury.

'10. J. T. Hoff is with the Hudson Manufacturing Company of Boston.

'04. The engagement of Mr. Frederick Ford to Miss Celiae Duel, of Washington, Conn., has been announced.

Ex. '13. Frank Wolverson has accepted a position as a dairy herd manager of a large herd at Summit, N. J.

Ex. '13. James Miller has opened up a new line of business, in which he expounds advice in all branches of agriculture. For particulars, write him at his home in Westward, N. J.

There were only 56 present at the alumni banquet, held at Hartford, February 6th. However, this year's graduating class will probably make next year's banquet a greater success.

'02. A son was recently born to A. B. Clark, of Norwich, Connecticut.

'05. Mr. Irving W. Patterson, an alumnus, was president of several college organizations, editor-in-chief of The Lookout, and winner of the first Hicks prize during his stay at Storrs. Later, he
graduated from the engineering department of Brown University and took up his residence at 94 Angell Street, Providence, R. I.

Recently Mr. Patterson was appointed chief engineer of the State Board of Public Roads, to take effect March 1st. He will succeed John Bristow, of Narragansett, who resigned from the service on December 31st, last. The new appointee was formerly employed by the Board of Public Roads from 1905 to 1910 in the office as draftsman and inspector of bituminous construction work of the board.

For the past two years, Mr. Patterson has been in charge of the bituminous road work in New England and Canada for the Texas Company. As chief engineer of the board here, he will have full supervision of the construction and repair work of the entire State highway system and will act in the capacity of consulting engineer. In the appointment of Mr. Patterson, the State highway department gets an official already thoroughly familiar with the Rhode Island system.

FARM DEPARTMENT NOTES.

Three grade steers, two heifers, and the Hereford bull, have been disposed of, the proceeds to be applied to the purchase of pure-bred beef stock. So far, a Hereford calf from the herd of Graham T. Blandy, of White Port, Va., and a Short horn from the herd of Carpenter & Ross, are the only purchases made.

The Hereford has several of the most noted animals of the breed in his pedigree and promises to develop into a very fine individual. He is a grandson of the noted Britisher who was champion of England and America. Acrobat, Beau Donald, Coronation 11th, and Benson, also appear close up in his pedigree.

The Short horn is sired by Avondale, four of whose get won, respectively, the following prizes at the last International at Chicago. Grand Champion Shorthorn bull, first prize two-year-old, first bull calf, first aged cow. He is in fact accounted as having sired more prize animals than any other bull of the breed. The calf is a white one, and while he contracted pneumonia on the trip, he has practically recovered and promises to do well.

The ice house is at last filled with a very good supply of 7½ inch ice, which is considerably better than nothing.

It is hoped by spring to have several acres of land cleared of
wood and brush. As a large part of the land around the college has been left to wild growth, such an action seems necessary.

**MILITARY DEPARTMENT.**

Lieutenant W. Goodwin has now assumed full charge of the department. Lieutenant Goodwin’s coming promises some interesting hours for the battalion as he plans to give us some lectures on the Balkan situation and on the United States Army.

Rifle practice has commenced for the upper classmen in the shooting gallery.

There is to be one complete drill for one company every Wednesday, i.e., giving a drill to each full company every third Wednesday. All freshmen and first year School of Agriculture have two drills and one lecture and minor military subjects every week, excepting the days when the company drills. Cadets who have had one year of drill are to have class-room work on Drill Regulation, Guard Manual, Firing Regulations, and Field Service Regulations, two times a week.

**EXTENSION SERVICE.**

Dr. C. D. Jarvis has been appointed director of the Agricultural extension for the Connecticut Agricultural College and State Leader for the United States Department of Agriculture. Dr. Jarvis has found it necessary to discontinue his connection with the Experiment Station work. His office is in Whitney Hall, in the room which was the old carpenter shop.

The Extension Department is a co-operation between the college and the federal government. The department expects to publish short extension service bulletins of information from time to time on particular subjects.

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**Intercollegiate Notes**

The Class of ’87 of the Rensselaer Polytechnic Institute, Troy, N. Y., has presented it with a new gymnasium at a cost of $150,000. The gymnasium has been built and is now in use. It contains a swimming pool 30 feet by 75 feet in size, bowling alleys, rooms for inside baseball, basketball, handball, boxing, wrestling, a squash court and the main gymnasium for general athletic exercise. The building is equipped throughout with the most approved modern apparatus. It is built of Harvard brick with limestone trimmings and is fire-proof throughout.

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