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Leo Marks

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PUBLISHED MONTHLY DURING THE COLLEGE YEAR
BY THE STUDENTS OF

THE CONNECTICUT AGRICULTURAL COLLEGE

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Captain, T. F. Chipman.
Manager, M. R. Young.
Assistant Manager, R. M. Starr.

Football Team, '13

Captain, J. A. Morgan.
Manager, G. H. W. Peters.
Assistant Manager, M. K. Cadwell.

Tennis Association

Cap'tain, R. I. Henry.
Manager, L. Marks.
Assistant Manager, H. Schwenk.

Hockey Team, '18 - '14

Captain, G. H. W. Peters.
Manager, R. G. Plumley.
Assistant Manager, B. B. Morgan.

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Director, Miriam A. Thompson.
Leader, H. N. Noble.
Manager, M. R. Young.

Class Presidents

1915 Juniors, R. G. Plumley.
1916 Sophomore, R. James.
1917 Freshman, P. C. Wilson.
To wish you the very Merriest Christmas yet. May the radiance of its afterglow shine far into the New Year and the reflection thereof in your looks and words and ways gladden the hearts of many little children and rejuvenate your friends.

—Charles Henry Whitney.
We have all heard of individual responsibility. We have all found it a convenient term to juggle with, a mental trait to sigh after — for other people; but how many of us have defined it more clearly than as a beautiful abstraction.

Individual responsibility means plain unvarnished business integrity. It means taking care of our own property, doing what is reasonably demanded of us, respecting the rights and property of our neighbors, never making promises we are not reasonably sure of fulfilling. Finally it means that when we have given our word actually or by tacit consent, our word shall be as binding as the contract of the business man.

The man who fails to fulfill his contract with the college world (the agreement into which he enters by the very act of coming to college) by meeting his obligations, by caring for his own rights and respecting the rights of others is as culpable as is the transgressor in the business world, although happily or unhappily the college world is slower in its judgement of fraud than is the business world.

Enthusiasm is one of the greatest factors of success. It is important especially because it helps one to get a start in his college career. Unfortunately enthusiasm is one of the qualities most difficult to cultivate. Yet it can be cultivated and should be cultivated. Begin by getting out of your mind the critical, complaining, dissatisfied feelings. This is like pulling weeds out of a field.

Enthusiasm is largely a matter of vitality, health and strength. Get
up in the morning after eight hours good sleep and you will be enthusiastic — ready to attack any proposition. Get up after five hours sleep and a night foolishly spent and you will have no strength for enthusiasm. Cultivate your strength, save it; and train yourself to look enthusiastically and hopefully at the world scorning its difficulties.

To the Editor of The Lookout the most striking feature of life is the void into which each issue has disappeared. Criticism was hoped for, comments expected, but two numbers have failed to arouse so much as an echo.

The Fixation of Atmospheric Nitrogen

By H. D. Newton
Professor of Chemistry, Connecticut Agricultural College.

The problem of the fixation of atmospheric nitrogen is one that has engaged the attention of scientists for the greater part of a century. The rapid growth of the fertilizer industry that has attended the development of agricultural science during the past fifty years highly emphasized the necessity for an artificial method of maintaining and if possible increasing the world’s stock of combined nitrogen. Although many processes for the fixation of the atmospheric nitrogen have been devised in the past, none of them have been of economic importance, owing to the fact that they were all dependent on an intensely high and constant temperature for their operation. In 1894 the French chemist, Moissan, solved the above difficulty by his perfection of the electric furnace. With the immediate introduction of his electric furnace as a source of high heat and energy came a new and vigorous attack on the nitrogen problem. As in all cases of industrial research much of this work lies buried in the silent graveyard of the patent offices in this and other countries. Three of these processes have survived the ordeal of transplanting from the academic laboratory to the cold fields of competition. Of these three, only that one which is of the most importance from the standpoint of agricultural science need occupy our attention. A brief description of the process, its product and use, follows:
The raw materials which the manufacturer starts with are calcium, oxide, carbon and nitrogen. A mixture of calcium oxide and carbon are shoveled continuously into an electric furnace. The resistance of the materials to the passage of the current raises them to a temperature at which the calcium oxide melts freely (temperature 3,000 degrees centigrade), and combines with the carbon to form liquid compound of calcium and carbon, called calcium carbide. This carbide is drawn off, cooled and crushed. It is then put in large cylinders through which nitrogen is admitted and the whole again submitted to the electric current. Here the nitrogen unites with the calcium carbide and forms a compound called calcium cyanamide. The nitrogen required for the manufacture of this cyanamide is separated from the air by the copper oxide process. When air is passed through a tube containing copper the oxygen unites with the copper and the nitrogen passes on in nearly a pure condition.

It would appear from recent experiments that the fertilizing value of calcium cyanamide is equal if not superior to that of common products used for the same purpose. It would also seem that the particular advantage of cyanamide as a fertilizer material lies in the advantageous effects that follow its admixture with other constituents of complete fertilizers. Report tells us that it greatly improves the mechanical condition of such mixtures and by its alkaline properties prevents the escape of valuable nitrogen oxide.

The action of calcium cyanamide upon soils has been extensively studied by Kappen, Alpiani and others. Their results would show that cyanamide when applied to the soil is completely converted to urea in the course of a few days. The urea is further converted into ammonia which again further reacts with Zeolites and Humates to form very stable double ammonium salts. These double ammonium compounds are retained in the soil until further acted upon by bacteria or taken up by plant roots. It is said that cyanamide is completely utilized by the crop in eighty to one hundred days.

At present there are four cyanamide factories in Germany, four in Italy, two in France, and one each in Norway, Sweden, Japan and America. The American plant is located at Niagara Falls and has a capacity of 50,000 tons per annum. Although but an infant industry its rapid advance in the last two years would seem to indicate that its product, cyanamide,
THE LOOKOUT

has successfully entered the field of competition among nitrogen fertilizers. The least we can say is that it has saved us from nitrogen starvation.

A Vacation Trip.

On the invitation of my old high school principal, to visit him at his summer home in Maine, I arrived there one morning in August, after an all day journey by railroad. His place is located at Kennebunkport, a small town on the southwestern coast of Maine.

Kennebunkport is a typical example of a quaint old New England town, which, dreaming away for more than a century, suddenly wakes to find itself a popular summer resort. The town is very beautiful, full of quaint old houses with big antique brass knockers on the doors, small window panes and old-fashioned flower gardens. Only one thing seems lacking, we search in vain among the flowers for the girl in the sunbonnet and hoop-skirts.

Passing from the town to the beach is like a transition from the old world to the new. Here we have every variety of modern architecture from the charmingly artistic bungalow to the picturesque Italian villas of Abbot Graves, with their white walls and red tile roofs, and here and there towers a big stone structure which bears the imprint of English design.

One of the season's events here is the Canoe Carnival, held in the evening on the Kennebunk river, under the auspices of the Canoe Club. The effects of the innumerable designs and costumes gliding down the river, brilliantly illuminated by Chinese lanterns, electric searchlights and fireworks, beggars description. Everything is represented from the gondolier and his graceful craft to the fur-clad Eskimo in his kayak, and the variously attired members of the fair sex make a vivid appeal to the masculine eye.

Among the various sports and pastimes, one of the most enjoyable is fishing. Haddock and cod are the most numerous species, the cod often weighing fifteen pounds. In shoal water the smaller variety, the rock cod, is caught. Every farmer in this section has his sloop or catboat, most of them auxiliaries, and they salt away many barrels of fish each
year for home consumption. They also gather great quantities of sea
weed, some of which they burn and use the rest as bedding for the stock.
The smoke of the burning sea weed is used for curing tobacco, while the
ashes are put on the land as a fertilizer.

The most enjoyable trip taken, during my stay, was that to the
famous Old Orchard Beach, situated about twenty miles northeast of
Kennebunkport. This is one of the finest beaches and most popular
watering places on the Atlantic seaboard.

After spending about two weeks very pleasantly, the time of my
departure approached, and as my friend was going to Newport he
proposed that we motor down together in his car. We started out one
fine morning about five o’clock going down through Kittery to Portsmouth
where we paused a few minutes for a glance at the navy yard, and thence
to Salem and Cambridge. Here we spent two pleasant hours in and about
the fine old buildings of Harvard College.

The following two days I spent with my friend “seeing Newport.”
Besides the beautiful estates of the city, the art stores, which line the
upper side of Bellevue avenue, are well worth the seeing. The old Stone
Tower and also the house of Gen. Prescott are both very interesting from
a historical standpoint.

One should not fail, while in Newport, to take the ten-mile Ocean
Drive at sunset, when the scene is extremely striking. I now bade my
friend au revoir, and crossing over to Narragansett Pier took the train for
home, concluding my vacation trip.

C. E. Lee, ’16.

The levity which both the Sophomore and Junior classes are dis-
playing toward the course in Public Speaking is to be deplored, and if
continued will rob the course of its value. The training resulting from a
course of this kind is generally recognized, and all admit its utility.
Would it not be much better to consider the benefits to be derived and to
make a distinct effort to realize them before it is too late?

The manager of the Willimantic branch of the New England
Telephone Company has agreed to install a long-distance phone in
both College dormitories in the near future. This convenience will
be appreciated without a doubt, by the students and their sweethearts.

Much interest was shown in the recent Dramatic Club tryout, and as
a result several new people have been cast in the play, "Charley's Aunt,"
which is now being rehearsed.

All regret to note the misfortune of Miss Hayes in sustaining a
fracture while out walking. It is all the more unfortunate in that the
convalescence will necessitate abandoning temporarily the plans Miss
Hayes had in view for increasing the efficiency of the courses under her
control.

The illustrated lecture on the Panama Canal, given by Professor
Tracy, of Yale, on Friday evening, November 21st, was both timely and
interesting, giving his large audience a good idea of the magnitude of the
undertaking. The interest shown by the students shows plainly that our
lecture course could well be enlarged upon. This entertainment was
provided for by the local Grange.

Professor Wheeler, together with ten members of the Sophomore
class in physics, on November 12th journeyed to Providence on a trip of
instruction. The campus and various buildings of the Brown University
were first visited. Later, through the courtesy of an official of the Brown-
Sharpe Company they were taken through the different departments of
what is probably the largest plant of its kind in the world. Especially
interesting was the machine for testing micrometers, a machine which weighed more than a ton, and the delicacy of it was such that the heat of the hand was sufficient to throw it out of plumb.

Secretary Houston's dictum that the farmers take life too easy, should make a hit with the gentlemen from the rural districts, who go to bed with the setting sun and get up to do the milking by lantern light.

Miss Amy Whiting tendered her resignation on December 1st. Miss Whiting has been succeeded by Miss L. A. Dore, who has had several years experience in Providence in similar work.

Professor Kirkpatrick spent the Thanksgiving at his home in Charlotte, North Carolina, and while there renewed his college days by a visit to his Alma Mater, the North Carolina Agricultural College at Raleigh.

Freshman botanist: What color are these seeds when green?
Professor: Why, green of course.

Major Oliver at Beebe's: Do you carry Never-Leak-hosiery here?

As usual the Hallow'een dance was successful. This year the decorations were of a different character than formerly. They consisted mainly of crepe paper and jack-o-lanterns. Miss Costello as chairman of the dance committee showed excellent taste. Before the dancing commenced the young ladies gave a very weird witch dance. The prizes for the best costumes were awarded to Miss Bennett, Miss Sanford and Miss Brackenbridge.

The football hop was held on Saturday night, November 22nd instead of Monday, the 24th, as originally planned. The dance was one of the most enjoyable social affairs ever staged here. The dance committee deserves much credit for the appearance of the hall.
Spice

The moon is soft and bright and full,
Her eyes are full of fun;
So sweet her lips, I naturally —
Did just what you'd have done.

Hink: "Say, old man, lend me a ten-spot?"
Dink: "No, thank you, I am not making any permanent investments.—Ex.

Scene: A ball room (couple dancing silently together.)
She: (Resolved, to break the ice.) "Everything seems to be going well, doesn't it?"
He: "Yesh, goin' very well if you like rotary motion."

To my mind, as at midnight plugging,
The pages I wearily turn,
Comes the old familiar adage
It's never too late to learn.

"Your studies are costin' me a heap o' money," observed the rustic father, reaching down in his jeans for another roll to slip to his nearly educated son. "I know it father!" replied the son, with considerable emotion. Then he smiled sweetly, assumed a puzzled expression and added: "I don't see why my studies should be so expensive. Why, dad, I try to study just as little as possible!" — Ex.

Mrs. Newlywed: "How many shirts can I get out of a yard?"
Mr. Newlywed: "Depends on whose yard it is."
A family tie — Twins.
Well handled — The pump.
A singular being — A bachelor.
After dark — Chasing a negro.
How to find a girl out — Call when she is not at home.
A drawing room — The dentist's. — Ex.

Mary had a little watch,
The price she paid was low,
And everywhere that Mary went
That watch refused to go. — Ex.

If every man was as fierce in action as he is in thoughts, all jails
would be full.

But after all the modern girls
Joan of Arc outdo;
Joan wore but the coat of mail
But they his trousers too.

Wouldn't it be strange, if —
"Pinkie" Stretch didn't blush?
"Pop" didn't sing?
"Spuds" hailed from Jerusalem?
"Mac" stopped smiling?
A "dark horse" won that handicap race?

Woman, in cigar store: "I wish to get a box of cigars for my
husband."
Clerk: "Here's a new brand I think would suit him' — "The
Suffragette."
Woman: "Oh, dear no! He prefers a mild domestic." — Ex.
The Williston Seminary team came down on Oct. 25th, as scheduled; but on account of wet grounds the game was cancelled. The rain kept up all the afternoon, and the field in some places was three inches under water, so it was deemed inadvisable by both coaches to attempt to play. The managers tried to arrange a game for a later date, but this also fell through.

Connecticut 47. Rockville 7.

On account of an open date caused by the cancellation of Brooklyn College, the Rockville team had to be substituted. As far as football was concerned the game was a farce, filled with rough playing and arguments. The second team was sent in against the visitors and held them to a 7-6 score, each team getting a touchdown, but the second team missing the goal from the touchdown. The Varsity went into the game in the second half and rolled up forty-one points, making the final score 47-7.

Connecticut Seconds 32. Windham H. S. 0.

The Second team played rings around the boys from the "Big City" in a Wednesday afternoon game on Nov. 5th. The "Colts" showed a lot of class and played a snappy game.

Connecticut 52. Connecticut Literary Institute 0.

The Varsity defeated the strong Institute team on Nov. 8th, at Storrs, and incidentally ran up the biggest score of the season. A drizzling rain fell throughout the afternoon making the field muddy and slippery, and going slow.
Morgan won the toss and C. L. I. kicked off. It took the Varsity four and a quarter minutes to make the first touchdown. Ackerman carrying it over after Chipman made thirty-five yards around end. The second score came easier. Morgan took the ball over after he and Ackerman had made forty-yard runs. Howard went in at left-half in the second quarter, Ackerman going to full and Wood to end. Howard made the only score of this quarter, going over from the ten-yard line.

During the second half some new plays were tried out. The delayed pass worked especially well against the Suffield team. Forward passes featured the game and were accountable for a lot of the ground gained.

Suffield used a split formation which bothered our line a little, but this was soon broken up. After this the visitors were forced to play entirely on the defensive.

The line-up:

<table>
<thead>
<tr>
<th>CONNECTICUT &quot;AGGIES&quot;</th>
<th>CONNECTICUT LITERARY INSTITUTE</th>
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</thead>
<tbody>
<tr>
<td>Dickinson-Wood,</td>
<td>le</td>
</tr>
<tr>
<td>Aulick-Reiner,</td>
<td>lt</td>
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<tr>
<td>Persky-Noble,</td>
<td>lg</td>
</tr>
<tr>
<td>Farnham-Persky,</td>
<td>c</td>
</tr>
<tr>
<td>Coer-Noble,</td>
<td>rg</td>
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<td>Miller,</td>
<td>rt</td>
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<tr>
<td>Doolittle-James,</td>
<td>re</td>
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<tr>
<td>Chipman,</td>
<td>qb</td>
</tr>
<tr>
<td>Ackerman-Howard,</td>
<td>lhb</td>
</tr>
<tr>
<td>Morgan, (Capt.)</td>
<td>rhb</td>
</tr>
<tr>
<td>Wood-Ackerman,</td>
<td>fb</td>
</tr>
<tr>
<td>Malcolme</td>
<td>Kirgsley, (Capt.)</td>
</tr>
<tr>
<td>Goodyear-Lockwood</td>
<td>Dockendueff, c</td>
</tr>
<tr>
<td>Church</td>
<td>Lockwood-Crandall-Saunders</td>
</tr>
<tr>
<td>Crandall-Patterson</td>
<td>Weise</td>
</tr>
<tr>
<td>Gilman-Lockwood</td>
<td>Richards</td>
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<td>Mericure</td>
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In a hard fought game Stevens Institute defeated the Varsity by a score of 28 to 7. The game was played on Castle Point Field in Hoboken, under ideal weather conditions.
Morgan won the toss and Stevens kicked off. Two cleverly executed forward passes, Ackerman to Wood and Morgan to Ackerman, with line bucks by Morgan, Ackerman and Howard brought the ball to Stevens’ 4-yard line. Here Stevens’ line first showed their strength by taking the ball on downs. Herssloff kicked the ball from behind his goal line. Ackerman received the punt on Stevens’ 35-yard line and ran through the broken field for a touchdown. Morgan kicked the goal. This was all the scoring done in the first quarter. Soon after the second period had begun, Musk, of Stevens, scored their first touchdown. Connecticut received the kickoff but lost the ball soon after on a series of forward passes. Then Stevens, who had used open plays, changed their tactics to old-style line plunging. This method of attack brought into play their heavy line which outweighed ours, fifty pounds to the man. They made consistent gains through Connecticut’s line for small distances and Seiler scored from the 5-yard line. Herssloff carried the ball over soon after for another touchdown. Seiler scored the last touchdown in the final quarter.

The line-up:

STEVENS
Howell-Hoinkiss, le - - - - Wood-Dickinson
Stretch, (Capt.) Erdofy, lt - - - - Aulick-Coer
Wilkinson-Grosso, lg - - - - Persky
Kent, c - - - - Farnham
Oldris, rg - - - - Noble
Middleton, rt - - - - Miller-Reiner
Hoinkiss-Graydon, re - - - - James-Doolittle
Girven, qb - - - - Chipman-Renehan
Herssloff-Crawley, lhb - - - - Howard-Wood
Todd-Savall, rhb - - - - Morgan
Seiler, fb - - - - Ackerman

CONNECTICUT

All our hopes and preparations of the season were shattered by the smashing line-plunges and wonderful interference displayed by the Boston College eleven. Their attack completely overwhelmed our defence. Especially on end runs when the other side of their line managed to get in the procession in front of the ball.

Connecticut fought for every inch but could not get the ball nearer than the 15-yard line. Once in the third quarter a score looked imminent, but after three attempts to get through the line, Howard was called in for a drop kick. The Boston College hurried the kick which went wide. Captain Morgan played a heady game and made some good gains through the line. Chipman ran the punts back well. Howard, Ackerman and Wood worked well on the defensive in breaking up powerful interference. The line played hard but could not withstand the smashing of the opposing backs.

When asked about the game Coach Brady simply said “We were beaten by a superior team.” The weather was ideal and a large crowd witnessed the game.

The line-up:

<table>
<thead>
<tr>
<th>BOSTON</th>
<th>CONNECTICUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall, le</td>
<td>Dickinson-Allen-Wood.</td>
</tr>
<tr>
<td>McCarty, lt</td>
<td>Reiner</td>
</tr>
<tr>
<td>Daley, ls</td>
<td>Persky</td>
</tr>
<tr>
<td>Kenney, c</td>
<td>Farnham-Brundage</td>
</tr>
<tr>
<td>Dawson, rg</td>
<td>Noble-Coer</td>
</tr>
<tr>
<td>O'Connor, rt</td>
<td>Aulick-Noble</td>
</tr>
<tr>
<td>Fitzgerald, re</td>
<td>James-Doolittle</td>
</tr>
<tr>
<td>Dee, qb</td>
<td>Chipman-Renehan</td>
</tr>
<tr>
<td>Kelly, lhb</td>
<td>Ackerman-Howard</td>
</tr>
<tr>
<td>Drummey, rhb</td>
<td>Morgan, (Capt.)</td>
</tr>
<tr>
<td>Sullivan, fb</td>
<td>Wood-Ackerman</td>
</tr>
</tbody>
</table>

Score: Boston College 47. Connecticut 0.

Alumni Notes

'88. C. H. Savage has resumed his work as agent for the American Agricultural Co.

'88 Professor C. A. Wheeler recently gave a lecture on Gettysburg, before the local grange. The lecture was illustrated by photographs taken by him while at Gettysburg last summer.


'99. Willard Mason and bride spent the Thanksgiving vacation with Miss C. J. Mason, at Mansfield Four Corners,

'99. Geo. M. Greene of Colgate & Co., and Mr. James of New York City were at the Stevens Institute game in Hoboken.

'03. Ralph Averill and Miss Gertrude Waters, special student '04, were married at the home of the bride, Rocky Hill, Conn., on October 29, by the father of the bride, the Rev. Frank Waters. The wedding party was restricted to the families of the bride and groom. Mrs. Averill completed here, her preparation for Syracuse University, from which institution she graduated in '08. Mr. and Mrs. Averill will reside in Washington, Conn., where Mr. Averill is in business.

'04. A daughter was born to Mr. and Mrs. Robert King Vibert, of Panama, on Sunday morning Nov. 2nd. Mrs. Vibert was Marjorie Monteith, a special student in the class of 1904, in preparation for Simmons College.
'06. C. J. Grant attended the annual meeting of the National Association of Institute Workers at Washington, D. C., during the middle part of November.

'08. Curtiss Woodruff of Washington, Conn., spent several days at Storrs, in November. Mr. Woodruff is engaged in the automobile business in Washington.

'09. W. O. Hollister has accepted a position as assistant Entomologist in the Davey Institute of Tree Surgery at Kent, Ohio.

'10. Roland L. Birdsall and wife spent a few days at Mr. Birdsall's home in Patterson, N. J., in the latter part of November.

'10. Professor V. G. Aubrey of the University of Maine recently visited the College on his return from the National Dairy Show, at which place he had been in charge of the Maine stock judging team.

Professor John L. Horwitz of the Baron de Hirsh Agricultural School of Woodbine, New Jersey, visited the College on November 18th.

Ex '13. W. M. Healy was recently elected to the Honorary Fraternity Tau Beta Pi, at the Rensselaer Polytechnic Institute. Mr. Healy is a member of the Rensselaer Society of Engineers, Theta Nu Epsilon, and Beta Delta Beta Fraternities. He was Junior editor of the Polytechnic, the student publication, and is now president of the Press Club.

POULTRY DEPARTMENT

The Second International Egg Laying Contest closed October 31st, with excellent results. Among the winners there were sixty-seven two hundred-egg hens, and one hen, "Baroness of Storrs," laid two hundred and eighty-two eggs, thereby defeating "Lady Showyou," of the Missouri contest in 1912, by one egg. This contest may be compared with the previous one in the following respects: The individual record was better by twenty-eight eggs. The pen average was better by nineteen eggs, and the average of the whole plant was better by three eggs.
At midnight, October 31st, the pens were occupied by the birds competing in the third annual contest. In this contest there were nine hundred birds entered, representing twelve states and two continents. The birds came from as far west as Minnesota and as far east as England. There were fifteen breeds represented besides three pens of "hens."

Since the egg-laying contest has come under the direct management of the college the office work of this department has been more than doubled, making it necessary for the employment of an assistant. Miss Anna Salmonson, of South Windham, has been secured to fill this position. She will commence on December first.

FARM DEPARTMENT.

The work of installing steel stalls and laying the cement floors at the beef barn is being pushed as rapidly as possible. This will be a great convenience, and with the electric lights, running water and electric power will facilitate the handling of the stock, in addition to making this part of the place more attractive.

It is estimated that we have harvested from 1,200 to 1,500 bushels of roots for the stock.

The earth and stone removed from the site of the new manure shed has been graded into the barn yard.

A cement manure pit and bedding rack is being constructed on the back side of the new horse barn.

The Aberdeen Angus bull, "Blair's Gay Estille," No. 155,695, has been sold to Mr. Donald Mitchell of New London, who will use him to head his beef herd on his 1,000 acre farm at Salem, Conn., of which Mr. William H. Maynard, a short course man from the College is superintendent. The bull will be replaced with a calf of the same breed.

Six grade heifers have been sold to make room and provide funds for one or two pure bred heifers.

Forget-me-nots have completely filled the ditch in the Valentine meadow, almost checking the flow of water. Several days have been spent in cutting out the growth and cleaning the ditch. The water has set back into the soil all over the lower level of the meadow.
GREENHOUSE DEPARTMENT.

During the past season the greenhouses have been painted both inside and outside.

The first crop of cucumbers are about gone. The yield was good and all varieties were from seed originated at the College.

The carnations were very attractive and there were many promising varieties among them. These were all originated by Mr. Fraser.

There were four certificates of merit awarded them by the Connecticut Horticultural Society at Hartford, November 6th. The "A. G. Gulley" pink received a "first-class certificate," which is the highest possible.

The grapes have produced an excellent crop and have been the center of attraction to many visitors.

EXTENSION DEPARTMENT.

An attempt is being made to organize a "Herd Improvement Association" in the vicinity of Southington. This will be conducted much like similar societies of the middle west. The object is to furnish the farmers information about their herds, especially along the line of milk production, individual butter fat records, and the amount of food consumed.

Mr. O. H. Daniels, who is engaged by the State Board of Agriculture is now under the charge of the Extension Department of the College. Mr. Daniels will continue along the same lines as before which consist in examining farms and furnishing advice to those who wish it.

The work of getting the farm surveys has been started in the town of Mansfield. The surveys are in co-operation with the U. S. Department of Agriculture.

Dr. Jarvis judged fruit at the New Hampshire Horticultural Societies' Show October 22-23rd, and also at the New England Show held in Boston November 12-16. He acted as judge of the student contest in apple packing.

The contest for the destruction of egg masses of the Tent Caterpillar has been received with much favor, and hundreds of the nests have been gathered by the school children.
DAIRY DEPARTMENT.

With the completion of the addition to Agricultural Hall the dairy department has a large amount of greatly needed room in the basement, including a testing room, a separator and a cheese room, besides a large judging pavilion. The offices are located on the first floor.

The work of remodeling the old barn is under way. There will be a locker room with bowls for the milkers, an office and living room for the herdsman, besides modern calf stalls and box stalls. There will be a row of stanchions on the north side for heifers and dry cows.

Inter-College News

Several students at Greifswald University, one of the oldest in Germany, have been expelled because of abstinence from drinking. Several others were punished by spending a number of days in the University dungeon. The occasion was a "beer evening" in celebration of the jubilee of Emperor William's reign.

The question of "frats" has again arisen at Cornell University. Acting President Crane has hinted that it is time for the University to exercise greater control, as is exercised over frats and clubs at the Universities of Michigan and Wisconsin.

Yale University is building a large new artificial hockey rink. The completion of this arena will fill a long felt need for a large rink. The dimensions of the arena are 200 x 185 feet.

The advisability of introducing at Massachusetts Tech., a short course in the microscopic study of foods is being considered. Much stress will be put on the study of such substances as coffee, butter, ketchup and pepper for impurities and adulterants.

To advertise their university all freshman members of the rhetoric classes at Kansas University are requested to write articles concerning the institution to their home newspaper.

Sex hygiene is to have a regular place at Clark College. Dean
James P. Porter has arranged for a series of lectures on this subject and on matters relating to the college social life, to be given before the Freshman class every Friday afternoon. The course will be compulsory for Freshmen.

A $100,000 training house, a memorial to Henry Schoellpohf, is under construction at Cornell. The building which is to be three stories high is being erected on the new Alumni Field.

It is expected that the knowledge of swimming will be made a regular requirement for all Bachelor's degrees at Brown University. Instruction in swimming has been a part of the work offered to Freshmen and Sophomores at the Colgate-Hoyt swimming pool for several years.

Oxford University takes great pride in the fact that at least 50 per cent. of every cabinet that has been formed in England for the past 100 years has been composed of Oxford men.

Ohio University has received $20,000 from Andrew Carnegie. This fund will be used to enlarge the library, originally given the university by him.

The University of the United States, an educational ideal cherished by President Washington, has begun to take a practical and important place in the thought of educators. It is planned to make this a great national university which will make free use of socially derived income for raising the standards of popular intelligence. At the National Association of State Universities, which met recently in Washington, D.C., a committee of three was appointed to draw up plans and policies to be submitted to Congress for its approval. A bill will be presented asking for $500,000 as the first step in the organization of the school. It is significant that the state universities, enlisted in the cause of free education to their own democracies, are sponsors for the movement.
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on Roses and other Plants...

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Colantha Johanna Lad's Son,
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Does not irritate the cows.
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Indian in circle

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Connecticut Agricultural College
FARM DEPARTMENT

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