

# The Weekly Spectrum

VOL. 13. NUMBER 22.

NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, MARCH 17, 1908.

PRICE 5 CENTS

## Exciting Session

### All Must Be Gone Over Again.

The students' organization meeting, which convened last Friday noon to consider the proposed amendment concerning the election of Spectrum officers, was the scene of much spirited discussion and some heated arguments. Personal feeling ran high and some of the speakers referred to their opponents in rather plain language.

The bone of contention is the pending amendment to the constitution of the students' organization which is designed to change the election of the editor in chief and the business manager of The Spectrum from a popular ballot to the representative system. The idea is to have each one of the College classes and the Senior Preps. elect one delegate to a governing board of five members which shall, in turn, choose the Spectrum officers.

The amendment came up for its second reading and passed by a narrow majority, but most of the members voted under the impression that they were voting upon the actual adoption of the amendment and as there was not a three-fourths majority in favor of it, the motion was declared lost. The motion to adjourn was put and carried and it was not until after the meeting was all over that the chairman realized the mistake. Another meeting will probably be called early next term at which the matter will come up for reconsideration.

### GIRLS WIN FROM H. S.

In the last game of the season the A. C. girls showed good form in defeating the high school quintette at the Fargo College gym. last Saturday evening. Although clearly outclassed the high school girls showed excellent spirit and played their best to the last second. The score at the end of the first half was 14 to 4 in favor of the A. C. Miss Corbt made two difficult field baskets for the high school.

The game was exceptionally free from fouls and went off with much less loss of time than the previous contests of the season. The final score was, H. S. 4, A. C. 28. Messrs. Tierney and Birch officiated.

Owing to a disagreement the games between the A. C. and Fargo College boys did not materialize and an exhibition game between the Fargo College team and a pick-up team was played.

Definition for "fussible plug" in engineering: The "fugitive plug" is located over the crown sheet for the purpose of low water.

## Essay Contest

The annual public program of the Agricultural Club, the culmination of the work of the members in the essay contest, was held in chapel on Friday evening, and was well attended by a representative College crowd. Six out of the thirteen who entered the contest had been chosen to compete for the prizes, and these appeared on the program.

Edwin Traynor was declared the winner of the beautiful silver cup offered by the club. The essay was entitled "Our Farmer of the Future." It was well delivered and was different from the other essays in being less technical. It showed a good appreciation of the modern trend of education as applied to the farmer.

The second prize, a gold watch-charm, was won by Robert Sampson whose essay was on the subject "The Value of Live Stock to North Dakota." In spite of the fact that this essay was necessarily somewhat technical, the pleasing delivery and excellent treatment of the subject held the close attention of the audience.

The essay of Hugo Weistenz on "The Value of Drainage in the Red River Valley," was placed third and he received the book "How to Choose a Farm," donated by Prof. Shepperd.

The other essays were "Diversified Farming in North Dakota," by Chas. Ruzika; "Plant Breeding for Fiber," by Wm. Mercer, and the "Threshing Problem," by James Smith.

The contest was considered excellent and the audience expressed themselves as well pleased with the program. The audience was favored with a musical selection from the Club Orchestra and also from the Club Quartette. A. P. Murphy was chairman of the evening and he did much to make the program run smoothly.

### MILLERS CONSULT LADD

Mr. Smith, of the Grafton Roller Mills, was at the College last Thursday. He is much interested in the work of the chemical department in connection with flours. He stated that in his opinion no efforts could be put forth by the department that would be of more direct benefit to the state than the milling and baking tests now under way.

Mr. Scott, of the Chaffee Roller Milling Company, also held a consultation with Prof. Ladd on the following day in regard to related matter.

### GIFT TO DR. VAN ES.

The short course students in veterinary manifested their appreciation and good will toward Dr. Van Es by presenting him with a handsome gold watch charm bearing suitable inscription.

## Farm Husbandry Commencement

### Seven Complete Courses.

On Wednesday evening, March 18, the 1908 class of the three-year course in Farm Husbandry, will hold their graduation exercises. The following members of the 1908 class will receive their certificates of completion, signifying their competence in pursuing scientific agriculture:

Arthur Ueland, president, Edgeley, N. D.; Heinhold Flohr, Wimbeldon, N. D.; John Henderson, Velva, N. D.; Sivert Hoveskeland, Deehr, N. D.; Bert Stoa, Buxton, N. D.; Lewis Claresholm, Canada; E. K. Peterson, Englevale, N. D. The following program will be given:

Class History—John Henderson.

Essay—Fragments of Equine History—Heinhold Flohr.

Music—Selected.

Address of the Evening—Prof. Thos. Shaw.

Presentation of Certificates.

Music—Selected.

### SCHOLLANDER GOES TO SUB-STATION.

At the Board meeting on Wednesday Mr. Schollander was appointed superintendent of the new sub-station at Williston and arrangements were made for the erection of his residence there.

Mr. William Porter of the class of '06, was appointed to fill the place vacated by Mr. Schollander and will take up his residence here immediately.

### SENIORS MEET.

Last week the seniors held several meetings for the purpose of making arrangements for the commencement programs. It was definitely decided that the class will not give a play. The Senior program will be given out of doors on class day. Preparations are now in progress for the programs and invitations. The Senior ball will be held some time in April.

### TOOTERS SHOOT.

The Cadet band had their first crack at the indoor target last Saturday. Although few of the boys had ever handled a rifle before the records were not bad, and the bell rang as often as on previous days when the regular companies practiced. Chief Musician Mainwarring and Sergt. Plath tied for high score at 21.

### NONE TOO LARGE.

Even with the intense increase in floor space and the added facilities the new Engineering building is none too large. The drawing rooms are furnished with forty new drawing tables all of which are occupied, and some of which are already doing double duty.

### THE NEXT BIG EVENT.

### Program of Judging Contest—Tuesday, 1:30 P. M.

Demonstration on animals that are to be slaughtered for the meat demonstration by Mr. John Gosling of Kansas City, Mo., at the Judging Pavilion.

### Wednesday, 1:30 P. M.

Students' stock judging contest, in which the following rings will be placed, dairy cattle and draft horses.

### Thursday, 9 to 12.

Conclusion of judging contest, and placing of the following rings: sheep swine, and beef cattle.

### 1:30 P. M.

Meat demonstration in charge of Mr. Gosling, to be held in the Armory.

The foregoing is a complete program of the special exercises to be held at the close of the winter term to show the interesting character of the work done by the division of animal husbandry. The content and meat demonstration give promise of surpassing former events of this nature, and Prof. Richards is to be commended on being fortunate enough to secure such men as Prof. Thomas Shaw, who will make the awards of the handsome prizes for proficiency in stock judging, and Mr. Gosling of Kansas City is to conduct the meat demonstration. Mr. Gosling is a noted authority in handling this kind of work throughout the United States.

All students of the College are invited to attend these exercises and avail themselves of the opportunity of getting acquainted with this line of work. Agricultural students are urged to be present at the demonstration on animals to be slaughtered as they will find this of special interest. A hearty special invitation is extended to the ladies to be present at the meat demonstration at the Armory on Thursday.

### Domestic Science Exhibit.

On Thursday afternoon a display of the work done by the Domestic Science Department will take place in Francis Hall. This feature was introduced last year by Miss Childs and Mrs. Ash and it will prove very attractive this year. Very desirable prizes have been offered for proficiency in sewing, and the efforts of the contestants will be exhibited at this time. Arrangements have been made so that visitors may see both the demonstration and the work done on the young ladies on that afternoon.

## A Whole Week

Registrar Parrott makes the following official announcement of the dates for examinations and registration:

"Examinations will begin Tuesday morning at 8 o'clock and continue until Wednesday noon. The examinations have been advanced one day in order that all students may be permitted to watch the stock judging contests and the meat cutting demonstrations, and all students are urged to avail themselves of the opportunities that these events offer.

Registration for the spring term will begin Monday, March 23rd, and school will begin Wednesday, March 25, when the fee for late registration will go into effect."

Alfred H. Parrott, Registrar.

### A BIG CANNON BALL.

Prof. Halland has just received a large cannon ball for the College collection of Indian relics. It is a North Dakota product in one sense as it has been in the state since the Indian battles of 1862 at which time it was fired. It was found by Mr. John M. Gunn, near Devil's Lake, in Ramsey county. It is four inches in diameter. It was presented to the College by Mr. Wesley Styles of Fargo.

### OIL IN NORTH DAKOTA.

One of the most interesting samples received at the Chemical Building for some time was that of a little two-ounce bottle containing a liquid taken from a drilled well near Bismarek. Examination revealed the fact that it contained a considerable amount of petroleum products. By fractional distillation it was found that at 112 degrees Centigrade, a clear liquid, looking and burning like kerosene, was distilled over, and at higher temperatures heavier oils were obtained.

The interested parties of Bismark are much excited over the find and fully believe that North Dakota is to become an oil producing center. The Chemical Department will make further investigations of the matter when a larger sample and further particulars are obtained.

### PORTER HERE.

Wm. W. Porter, '06, arrived at the College last Wednesday. Mr. Porter has been sojourning in Canada for some time but is glad to get back to the realms of Uncle Sam. He returns to the College to assume the position of superintendent of the demonstration farms, as successor to Mr. Schollander '06, who will leave to take charge of the Williston sub-station on the 15th of March.

Even Prof. Willard was observed standing in a corner at the circus probably saying to himself, "What fools these mortals be."

"My Friend from India", Cathedral club Rooms 8:15 To-Night

# SOCIETY

**ATHENIAN PROGRAM.**  
Debate.

Resolved: That the establishment of a monthly College Hour would be beneficial in promoting harmony and unity and the best interests of the college.

The affirmative will be upheld by Keith H. McQuinn, Gladys Pease and Wm. Mercer. The negative of the question will be advocated by John Thysell, C. E. Yerrington and Mark Keeney.

Music—Selected.

Story (original) — Raymond Thomas.

Locals—Agnes Peterson.

Criticisms—Genevieve Holkesvig.  
Music.

## BANQUET.

On Saturday evening, in the familiar rooms of Francis hall, about sixty members of the Agricultural club together with a few invited guests, seated themselves at the annual banquet of that organization. The dining hall was decorated in the green and yellow, the green being intensified by a liberal use of evergreen sprays. In regard to the banquet many words of praise were extended to the Domestic Science Class who had the complete charge of the arrangement, preparing and serving of the feast, and a vote of thanks

was extended to them, on behalf of the club, by Mr. Dynes.

The toasts of the evening were full of thought and all had something of a serious touch, but they were freely enlivened with an appeal to the humorous in the string of good stories included. Mr. Dynes acted in the capacity of toast master and the following are the toasts responded to: "Our Club," C. A. Mitchels; "The One Talent," H. J. Hughes; "Sophomore's View-Point," Wm. Mercer; "What I Have Been Through," Ray Babcock; "Evolution of Clubs," Dean Shepperd; "What I See in the Future," Chas. Ruzicka; "Our Mission," Dr. Van Es; "The Educated Farmer," President Worst.

## Y. W. C. A.

About thirty girls assembled at the dormitory last Wednesday evening at 7:15 for devotional meeting. The subject was of special interest to every one, "The Relation of Student Life to the Social Problem." Miss Ruby Hicks was the leader and read a splendid article by Dr. Graham Taylor. It discussed the duty which the student owes to society in general. The subject was an interesting one for general discussion.

A business session followed at which plans for the State Convention were discussed and the regular election of officers for 1908-09 took place.

The following officers were chosen:

President .....Sadie Barrett  
Vice president Matilda Thompson  
Secretary .....Lucy Coekburn  
Treasurer .....Alma Leebly

These officers will be installed at the beginning of the spring term.

## AGRICULTURAL CLUB ELECTION.

Friday evening being the last session of the club for the year, election of officers followed the program. The result is as follows: President .....Edw. Trainer  
Vice Pres. ....Mr. Sampson  
Secretary .....Chas. Ruzika  
Treasurer .....Mr. Chilburg  
Marshal .....Chas. Michels  
Critic .....Wm. Mercer  
Installation followed immediately after the election.

## Y. M. C. A.

A business meeting of the association was held in their parlors on last Thursday afternoon.

A number of outstanding bills were allowed including the pledge to the State Association. President Powell was authorized to appoint a temporary treasurer to act during the spring term in the absence of Mr. Mendenhall.

The Freshman class met last Wednesday and made arrangements for a class banquet to be held sometime during the spring

## MANY OF THE BOYS GO HOME

We regret very much the fact that this week we will lose a large proportion of our athletes by the ending of the spring term, which will cause the departure of the short course students. This greatly increases the difficulties of producing the best results in our College athletics. We will have to reconcile ourselves by hoping that the opening of the next fall term will see all old participants back again with renewed vigor and a determination to put forth their best efforts for our cause. Every loyal supporter of the best form of athletics would do something for the College by inducing any promising material that they know of to enter one of the courses. The best student generally makes the best athlete. To those who have made personal sacrifices in the interest of our athletics during the past term we extend our thanks for the efforts made in upholding the athletic honor of the College. We are grateful to all who may have attempted to promote this phase of College life, whether it be on the side lines, selling tickets and advertising games, or actually taking part in any of the contests.

The course in public speaking given by Prof. Arvold was very grittingly drawn to a close Thursday evening, when a four course banquet was given by the members of the class in honor of the professor. The function was held at Francis hall, the room being beautifully decorated in the Yellow and Green. Covers were laid for twenty-six. Beautiful menu booklets which made very appropriate souvenirs of the occasion were found at each place as were also yellow jonquils and ferns. Candles shone from the candelabra.

## PUBLIC SPEAKING CLASS BANQUET.

Immediately after all were seated a picture of the class was taken by Mr. Hubertz. The dinner was served by the young ladies of the Domestic Science class. Dr. Putnam's orchestra played a number of beautiful selections which were highly appreciated by all. After the dinner all arose to drink the health of Prof. Arvold after which the toastmaster, Mr. Hennis, in the most witty manner, introduced the speakers and the program of the evening was begun. Each member of the class responded in turn and between the witty remarks of the toast master and the humorous stories related by the after-dinner speakers a continuous outburst of laughter poured forth. Prof. Minard, a guest of the evening, was called upon by the toast master and responded with well chosen remarks.

The occasion will long be remembered by all present as one of the most pleasant of the college year.

Prof. Halland got back to nature and sat on his floor while he ate supper over at the circus.

Miss Somebody says that Prof. Householder would make a handsome cadet if he didn't look so very young.

For once the Shorthorns had the time of their lives and incidentally came to see the College in a new light altogether. It may have helped some.

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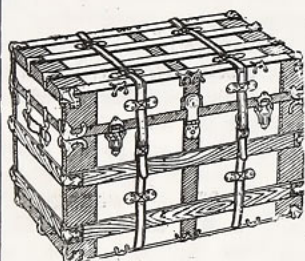
"Oh, girls! Can you go with us to have our pictures taken this afternoon?"

"Oh, no, our club meets today at half past three."

"Why, how often does your club meet?"

"Every day at half past three."

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**OUR FARMER OF THE FUTURE.**

By Edwin Traynor.

(The cup winning essay in the Agricultural Club's contest.)

The farmer is at the foundation of our prosperity. To him all humanity looks for its daily bread. Unlike those of the many other professions, which are simply a result of our civilization, the tiller of the soil has been and will continue to be a factor of the first importance in determining the progress of his country.

Important as is the farmer, it is only recently, comparatively speaking, that he has been accorded any recognition worthy of his true economic value.

In early European times he was left to plow, to sow, and to reap as best he might while his rulers busied themselves in revelry, at the chase, or in wars of conquest. Worse still, he was burdened with taxes so severe that in many instances he had but the merest living for his labor. Under such conditions he could have no incentive to work, he could have no desire to improve his methods and become more proficient—his work must necessarily have been a drudgery.

To-day we have experienced a change, and especially here in the Northwest. Here we find many evidences of the prosperity, progress and social conditions which are a marked advancement over the lot of the farmer of the past. Our farmer today works for a profit. He is becoming fastidious in his tastes. He has many of the modern conveniences which a few decades ago were enjoyed exclusively by his brother in the city. Illiteracy, too, is decreasing rapidly from among his ranks. Here in our own North Dakota, which is the most exclusively agricultural state of the Union, we find the percentage of illiteracy to be less than in any other portion of the United States.

The credit for this prosperity and advancement may be attributed in a large degree to wonderful advancement may be attributed in a large degree to the wonderful fertility of the soil. Conditions were ideal for development. True, the pioneer farmer had to undergo many hardships and privations, but they served to bring out the energy, resourcefulness and ambition that were latent in his character.

But our farmer of the future—what is his mission? What conditions must he face and how must he prepare himself to do so? His mission is to complete what the pioneer has so nobly begun. If he would do his duty, if he would

earn the commendation of his fellows, he must establish agriculture on a basis such that the prosperity and progress of our North Dakota, of which we are so justly proud, shall continue on without abatement thru succeeding generations.

And a noble mission this is; fully as noble as was that of the pioneer. Let not him who takes up the task think it is easy, for there are few tasks easy that are really worth while. Our farmer of the future will meet with many problems, the solving of which, will require skill and judgment of no mean order. In the vast majority of cases he will find a soil impoverished by a one crop system and polluted with the different varieties of foul seeds. He will also find the live stock on our farms to be generally of a grade so inferior that they will have to be improved in order to establish that part of the farming operations on a profitable basis. Furthermore he will find an increase in the values of land, which will necessitate the making of a greater profit per acre than is required at the present time. These are some of the conditions which will confront the future farmer. These conditions, in fact, are already staring many of us in the face. Our soil in many instances is showing signs of depletion, our farms are full of noxious weeds, our live stock is of poor grade, and land values are constantly increasing. It is safe to say that if the practice of wasting our soil fertility and our fertilizing materials, which is indulged in by our farmers at the present time, if that be continued for another generation, the conditions of our state will be deplorable.

Thus we see that the art of agriculture is becoming more and more complex. To meet these conditions it stands to reason that the farmer of the future should equip himself specially for his chosen profession. He must no longer follow his occupation according to tradition and habit. He must cast aside all that proneness to work unsystematically. He must get down to the bottom of things and know why he does his work one way instead of another. He must be trained to recognize the laws and the forces which operate with him in the growing of his grain and the breeding of his stock. In other words he must be trained to think and study for himself.

The farmer who would be a success, who would conduct his business on a modern basis, who would perform his work with the greatest efficiency and receive the largest returns from his labor, requires an education that is not only technical but liberal. There are many sciences associated with agriculture, and in each the farmer should have some training. To

understand the nature of his soil and appreciate the necessity of conserving its fertility, and to know the feeds best suited for his stock he should understand something of chemistry; to handle his machinery intelligently he must have a knowledge of mechanics to improve his live stock he must understand a drudgery. They tire of it. They

In fact we might go on and mention dozens of sciences and trades that the farmer brings into play in connection with his work. It is this knowledge, this understanding of why he does things, that will make the work of the farmer a pleasure instead of a drudgery. required of him to be a farmer.

It is my firm belief that many young men leave the farm because they have never become truly acquainted with it. Their work is a drudgery. They tire of it. They see no beauty in it—and all because they do not understand it.

Let no one think there is little time has come when we can safely say that the farmer who would understand his business requires as broad a knowledge and as comprehensive an education as do those of most professions.

To be successful the farmer of the future must also be a thoro business man. Farm management is daily becoming more complicated, and if details are neglected, if little or no accounts are kept, if the farmer does not buy and sell intelligently and in a business-like manner, his profits will be squandered before his eyes and he will have nothing for his labor.

Last, but not least by all means, he must love his work. He must be enthusiastic over it. Otherwise he can never hope for success. If a man would succeed in any profession he must be willing to give to it the best that is in him.

The future of the farmer who thus equips himself for the discharge of his duties must necessarily be bright. The world demands what he has to sell. The available new land is limited, the population is rapidly increasing, and with these circumstances so conducive to a strong demand for his products the farmer who understands his business should be eminently successful.

And he will be happy. Why should he not? When he sees around him the results of his labor—his fields producing bounty and the best literature. His children, his flocks and herds thrifty and prolific, caused by his intelligent feeding and application of the laws of breeding, his groves and his orchard rich in foliage and fruit, a result of his appreciation of the beauty and utility of trees and his knowledge of the varieties adapted to the conditions of his locality—will not all these

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**NOTICE.**

The week commencing March 30 will be a novel week at the Grand theater. Gen. Tom Thum, Count and Baron Magri, the smallest people on the American continent and of the widest reputation. A little over a year ago they visited Fargo and so many people that did not know or learn that they were at the Grand for one week the management has engaged them for this return date and this is positively the last time the people of the west will have an opportunity to see and shake hand with such noted people as their reputation of the smallest people traveling is talked of as much as some of our presidents of the United States.

P. S.—Do not overlook the date, March 30th, '08. . . . .

Darling did great work in tacking up signs at the show, but got most of the tacks on the floor.

Between times Prof. Waldron was observed to feed the elephant peanuts. This may be taken as an indication of a generous nature and some of his classes have hopes in the coming exams.

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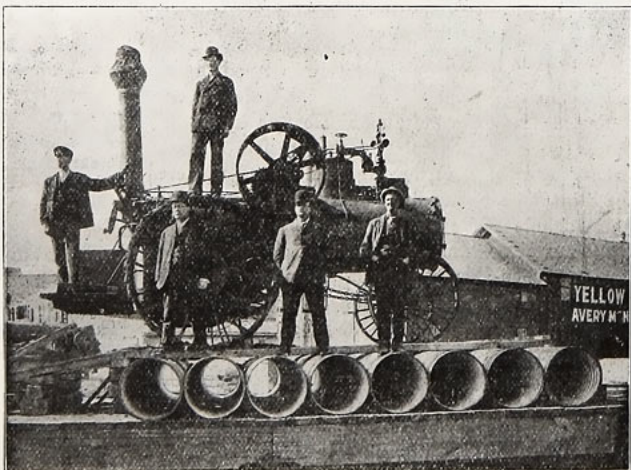
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**The Weekly Spectrum**

Published every Tuesday of the school year by the students of the North Dakota Agricultural College, at Ulsaker Bros., 207 Broadway, Fargo, N. D. W. P. Heath.....*Publisher*

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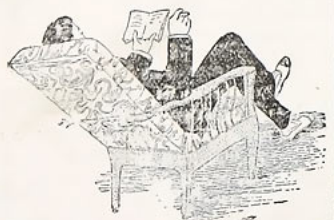
**HON ESTY.**

With final examinations pending only a day or two ahead of us a thought or two on the prevalent evil of "cribbing" may not be amiss. Leaving morals entirely out of consideration, "cribbing" doesn't pay. It doesn't pay in its results; it doesn't add anything to one's self-respect; it doesn't become the high ideals of a college man's education.

How many of us have ever stopped to think that the student who peeps into a book just to get a line on that "puzzler" is in exactly the same position as the defaulting bank official who has the fear of a term in the penitentiary hanging over his head? Both are cases of appropriating something to which the possessor holds no title. Would any student of the A. C. embezzle funds from a bank? But "cribbing" is strictly analogous to embezzlement, and yet the answer to the same question in terms of "cribbing" would be another story.

Let us be honest with ourselves. We would never entertain the idea of appropriating funds not our own, yet many of us in the stress of a final are not at all above appropriating and using as our own, information which we do not possess.

Remember that you are not cheating or "getting ahead of the instructor. He is affected neither one way or the other. If he gives you a good grade does it mean



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anything to you? Does it improve your qualifications for holding a responsible position if you get a high grade by such a method? It certainly does not. It rather weakens your character and makes you more ready to cheat at the next opportunity.

A certain professor once remarked that he received a good grade in a certain class by "cribbing." He stated that he was compelled to crib for every other member of the class used a "pony," and they would receive a higher grade accordingly. Is it any excuse for a person to be dishonest because every one else is so? Is it any less dishonest? Did the above man know any more? Did he injure or get ahead of the instructor? Or did he merely brand himself with the great mass of dishonest members?

The instructors of our institution are inclined to place the students on their honor in this matter. It is but right and proper for eighth graders to be watched but the idea of its being necessary to watch a senior seems preposterous. And yet there is not a class in school that is exempt from the malady of "cribbing."

**DON'T CRAM.**

To a few of the newer students it might not be inappropriate to point out at this time some of the evils of "cramping" for examinations. In the first place it has been found by the experience of student who uses this method will absorb enough of a subject in one or two evenings, to enable anyone to pass an intelligent examination. The process of trying to concentrate the whole of a subject into a few hours reading has generally been found, on the other hand, to leave a person's mind in such a state of disorder and confusion as to make it doubly difficult to sort out and catalog facts which are needed at the moment. Again the desirability of getting through an examination solely on the merits of memorizing certain facts for the time being and forgetting them immediately afterward, remains to be demonstrated, and the student who uses this method will find later on when he comes to a place in which he is required to use such facts that they are not impressed deeply enough to be in a serviceable condition.

He who passes an examination by the efforts of a few hours "cramping" the night before, obtains his grade under false pretenses and is giving neither his instructor nor himself a square deal.

**CREDIT DUE.**

There seems to be an idea prevalent among some of the short course men that The Spectrum did not give them all the credit that they deserved for their part in the successful culmination of the great Cyclone Circus. If such was the case it was entirely unintentional on the part of The Spectrum. The short course men are certainly entitled to a large share of the credit for the success of the enterprise, and by the manner they took hold of things and worked to organize that second division of the parade, they manifested more genuine College spirit than any generation of short-course men have ever done before.

We sincerely believe that the interest they took in College activities connected with the circus will be of lasting benefit both to the College and to themselves.

**The North Dakota Agricultural College**

FOR COMPLETENESS OF EQUIPMENT AND FACILITIES FOR INSTRUCTION IS UNSURPASSED IN THE NORTHWEST

**The College Department offers five full Graduate Courses viz:**

- Pharmaceutical Chemistry,
- Mechanical Engineering,
- Civil Engineering,
- General Science,
- Agricultural

These courses are available to those who have completed the equivalent of a good High School Training

For those who have not had such a training

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Is offered all students and its work is so arranged that it may be carried in connection with the regular work of other courses

**THIS COLLEGE**

OFFERS to the young people of this state an education which is thoroughly in line with modern thought and demands. It spends no time on the dead languages or such subjects as are of little practical value. It aims to fit young men and young women for responsible positions in life. The demand of the present is for men and women who can think and investigate for themselves; who can deal with the social, agricultural and industrial problems of the day.

OFFERS five courses of study covering four years each, besides a short course of two years in common school branches. Military discipline throughout the courses.

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ARE THOROUGHLY EQUIPPED, and the instructors are specialists in their respective lines. Exceptional advantages are offered in chemistry, physics, botany, zoology, literature, mathematics, and mechanical subjects.

Graduates from approved High Schools are admitted to Freshman Class. Tuition free. Board and Room \$3.75 to \$4.50 per week.

WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE  
SPRING TERM BEGINS MARCH 23.

**LIBRARIAN BUSY.**

The number of new books added to the library since Jan. 1, '08, is 227.

The number of books drawn from the library since January 1, is 1196. This does not include a very large number of bound periodicals and government documents which have been used in the library. Of those drawn, 114 were historical and biographical, 486 periodicals, 183 fiction, 83 poetry and 329 miscellaneous subjects, including agriculture, mathematics, civil government, domestic science, entomology, essays, geography, geology, history of literature, mechanics, physics, political economy, sociology, travel and zoology.

Stranger (pointing at Science Hall)—Is that the live stock building?

**SOUNDED GOOD.**

Mr. O. B. Westley visited the A. C. last Thursday and inspected all the buildings. He was especially interested in the musical department, having been a student here some five years ago, when he played the base horn in the first band organized. He listened to the strains of melody for some time and then complimented Dr. Putnam for the progress which the band boys are making. He was very much surprised when told that it was the second band that was practicing and to which he referred.

**SPEAKS IN WISCONSIN.**

Prof. Arvold will leave for Wisconsin immediately after the examinations, where he will spend the week of vacation. While there he will deliver addresses in the opera houses of the cities of Bloomer, Rice Lake, and Chetek.

**THE BEST EVIDENCE.**

When the leading banks of the state employ its trained bookkeepers and the highest courts employ its stenographers, it is pretty clear evidence that that school it doing first class work. The Dakota Business College offers prospective pupils this evidence of superior training.

**FINANCIAL SUCCESS.**

The following represents the financial success of the Cyclone: The total receipts were \$258.35; total expenses were \$127.22, netting a profit of \$131.13.

Each of eight organizations get five per cent of the profits. The Athletic Association receives thirty per cent. The balance will be deposited with the secretary of the College for use in an enterprise of a like nature in the future. Each society will receive its share, about \$6.50, by applying to Mr. Nugent in whose hands the funds are now entrusted.

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**Y. M. C. A. CONVENTION.**

Our sixteen student delegates to the state convention in Grand Forks returned at an early hour Monday morning and report not only a most successful and instructive convention but also royal entertainment at the hands of the dwellers in the city down the Red. The student delegates from outside of the city of Grand Forks numbered fifty in all, sixteen being from the A. C., four from Fargo College, ten from Mayville Normal, eleven from Valley City Normal, eight from the State Science School at Wahpeton, two from the Manual Training School at Ellendale. All received most courteous entertainment from the good people of Grand Forks.

The delegates arriving late Friday evening were greeted at the first session at 8 p. m. by a trio of most inspiring speakers. Mayor Duis gave the address of welcome, Pres. Worst responded for the visitors, and "Dad" Elliot gave a most inspiring address, taking the place of Governor Burke, who was unable to be present.

Saturday's session, morning and afternoon, were the busy ones of the convention, being given up almost wholly to the conference and the business sessions. The main new business taken up was that of electing a state committee of fifteen members, consisting of the most prominent citizens of the state, most of whom are well known in business and educational circles. This is to be a permanent committee and its purpose is to aid and assist the Y. M. C. A. organization throughout the state.

**Banquet.**

On Saturday evening 120 of those in attendance at the convention sat down to a bounteous banquet in the Baptist church. This banquet was given by the ladies of the city and they left nothing out that would tempt the appetites of the visitors. The toasts of the evening were naturally in a lighter vein but the jovial speeches were also interspersed with more serious words.

Sunday was a day of devotion and was fruitful of serious thoughts and inspirations to action in the future. The great mass meeting in the afternoon, at which "Dad" Eliot addressed the young men of the city, was most successful, and the capacity of the large auditorium of the Baptist church was strained to the limit.

Some of the visiting student delegates spoke during the evening services in the Baptist church. Among these were Mr. Don S. Ford of the University and Mr. Paul Garret of Fargo College.

The farewell speech was given

by Mr. Parsons at 9 p. m., after which all joined in and sang "God Be With You Till We Meet Again."

This convention was without doubt the most successful from all points of view, of any held heretofore and much credit is due the business men for their hearty co-operation.

**INDOOR BASEBALL.**

Indoor baseball is very popular here at present, especially with the faculty. The games were played last week between teams consisting of faculty members. Quite a number witnessed a lively game last Tuesday in the gym.

Last Thursday evening another game was played between teams of senior and junior faculty members, of which Mr. Dynes was captain of one and Mr. Sudro of the other. The game was spectacular from start to finish and Mr. Sudro's team was declared the winner by one point.

In Physics Class—Prof. K.—Mr. Nemzek is not yet able to speak for himself. Miss Hicks, will you kindly act as interpreter?

Many of the classes held their final exams last week. A considerable number of the short course men went home before the exams took place.

Two of the College (?) men were seen on Flynn's corner racing toy boats on the spring flood.

Dean Keene: "There don't seem to be very many recitations per square inch in physics this morning."

The Spectrum wants some good short stories. They must not be over a thousand words in length and must be written on but one side of the sheet. If ruled paper is used, only every other line should be written on.

Hatcher Bros. sell Insurance.

It is said that six "derbies" abdicated from the mechanical building last Thursday. It has been suggested that this is simply a natural result of the recent migration to greener fields.

Sherlock has been kept busy lately. Have you noticed the ruse of which he has been making use on the bulletin board?

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# To the Policyholders OF The Mutual Life Insurance Co. of New York



HOME OFFICE OF MUTUAL LIFE INSURANCE COMPANY OF NEW YORK, 34 Nassau Street, N. Y.

## BALANCE SHEET DECEMBER 31, 1907

Assets	
Real Estate.....	\$ 29,409,158.80
Mortgage loans on real estate.....	125,741,836.42
Loans on policies.....	52,022,021.33
Collateral loans.....	11,805,000.00
Bonds and stocks, market value Dec 31, '07.....	200,026,493.51
Cash.....	6,487,545.88
Premiums in course of collection.....	4,685,477.99
Interest and rentals, due and accrued.....	3,999,487.10
Admitted assets.....	\$494,177,021.03
Liabilities	
Net policy reserves.....	\$420,094,742.00
Other liabilities on policies.....	5,532,879.66
Premiums and interest paid in advance.....	1,828,360.34
Dividends payable in 1908.....	8,311,002.02
Miscellaneous liabilities.....	879,267.59
Held for future dividends.....	57,530,769.45
Total liabilities.....	\$494,177,021.03

The work accomplished by the Company in 1907, under the new conditions, in respect of benefits dispensed to policyholders and in the furtherance of their best interests, has been especially satisfactory. The Company paid directly to policyholders and their beneficiaries in death claims, endowments, dividends, annuities and surrender values.....\$43,959,245.40  
 It added to the net reserves held in trust for policyholders.....16,368,678.39  
 Total benefits from sources named.....\$60,327,924.79  
 Total received from policyholders.....57,151,401.71  
 The total benefits above named exceeded premiums received by.....\$ 3,176,883.08  
 The amount paid DIRECTLY TO POLICYHOLDERS during the year was 77 per cent. of the amounts received from them.  
 The total amount paid to policyholders, plus the increase in the net reserve held for them, was over 105 per cent. of the amounts received from them.

### Increasing Dividends

The amount appropriated for dividends to be paid in 1908 is.....\$8,311,002.02  
 This sum greatly exceeds the largest amount ever before paid in dividends in a single year by any company. The annual dividends to be paid in 1908 show a ratio of increase over those of 1907 such as can be approximated by no other company. The Mutual Life is the only company which has increased its dividend scale three years in succession—1906, 1907, 1908. Increasing dividends are possible because of increasing earnings and decreasing expenses.

### In Gains for Policyholders the Company Remains in the Front Rank

Its gross earnings from interest and rentals for 1907 were.....\$23,103,953.59  
 Its gains from loading, mortality, surrenders and annuities were.....8,760,440.79  
 The total earnings and gains were.....\$31,864,394.38  
 This is over 56 per cent. of the entire premium income, a remarkable showing rarely, if ever, equaled by any other company.

### In Economy of Management the Company Stands Pre-eminent

Total expenses incurred in 1907 were.....\$8,554,375.11  
 Compared with 1906, this was a decrease of.....2,031,618.13

### The Financial Condition of the Company Is Superb.

Its investments are of the highest class—unimpeached and unimpeachable. In a year of extraordinary financial depression, not a share of stock owned by the Company failed to pay its regular dividend, and on \$222,924,910.60 bonds (book value) there was not a dollar of interest in default at the close of business on the 31st of last December. With assets exceeding its legal liabilities by over \$57,000,000, even by the abnormally low market quotations of December 31, 1907,—an excess greater by many millions than is held by any similar organization anywhere,—The Mutual Life, the Oldest Company in America, is also justly designated the Strongest in the World.

NOTE—The admitted assets would be given greater by \$15,989,158.97 were the bonds taken on the company's basis of amortized book value; or \$13,211,349.94 were the securities stated by the average market value (13 month rule), recommended by many commissioners at the Louisville meeting.

**W. A. M. SMITH, Manager, Edwards Bldg., Fargo.**

THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK  
 Home Office, 34 Nassau Street.

## SPORTING

### SPRING TERM ATHLETICS.

A departure from the ordinary spring term athletics carried on at the A. C. for the past few years will be seen this year. Owing to the lack of a sufficient number of students for maintaining a first and second baseball team, besides a track team, the ordinary routine of our baseball season will have to be changed to a large extent.

It has been decided by the athletic board to devote a large part of our energy to track work. This necessitates the abandonment of a regular College baseball schedule in order to get the best material to take part in track work. The lack of a sufficient number of students for maintaining a full trained team in each special feature of athletics largely handicaps us at present. But when we take into consideration the sacrifice that would be involved during the coming baseball season, calculated from the length of time it would require us to get games and the heavy expenses of bringing visiting teams here, we could hardly afford to take the time necessary for this part alone.

However this does not mean that there will not be any good baseball games at the A. C. this spring. No doubt we shall see the best and most interesting schedule that has ever been played here. This season promises to be the highwater mark for baseball. By the few interesting games that were played between the societies last year, we have the spirit of interdepartment and intersociety games well started. Not only will the students take part in this sport, but the faculty will be represented by teams as well. In order to get the best results out of our interdepartment games, each department and society would do well to organize as soon as possible and be prepared for the fine weather when it comes. Let each organization elect a manager and a captain and these two can secure the games and the men. This will give all who possess any athletic ability a chance to participate in contests between teams in which there will be men as new as anyone else. Here is a chance to do something in the way of winning honor for your society and also to add much College

spirit to the cause. It is hoped that when the weather will permit, each department and society will have made arrangements to indulge in these friendly contests with all the spirit and enthusiasm they can reasonably muster for the occasion.

### PROGRESS.

Are our athletics progressing? This is a question that is at present being asked by a few of our students who do not frequent the gymnasium. The activity of the large number who are now availing themselves of the opportunities of indulging in the various exercises, the apparatus for which has already been installed in the gym., is sufficient evidence that athletics are progressing as rapidly as can be expected under the conditions.

### SCHOOL OF TRACTION ENGINEERING TO BE HELD AT THE A. C.

All plans have been completed for a summer school of traction engineering to be held at the A. C. again this year.

Prof. Rose Will Be in Charge.

These summer schools are a very recent innovation having been conducted but for three summers; but they are so practical and so well attended that it seems strange that they were not inaugurated sooner. At the summer schools last year 117 students were classified. A. C. True, director of experiment stations, was here and was very enthusiastic over the work being done—in fact, so much so that the Experiment Station Record made an exceedingly favorable report of this school.

The school this year will open June 8, and will continue until July 3. Prof. Rose will be assisted by Mr. J. B. Parker of Indianapolis, who has lectured at all the summer schools held here in the last three seasons. Several other able men will assist in the work of the course.

The equipment will consist of a dozen or more traction engines of different make, gasoline engines, stationary engines and grain separators.

### HISTORY OF EDUCATION.

In order to accommodate a number of advanced students of the College, Prof. Weeks will offer a special course during the spring term which will take up a study of the history of education and special work in preparation for teaching. The text to be used is a recent work of Prof. Munroe of Columbia University.

### CIVIL ENGINEERING EQUIPMENT.

A new fifteen inch, inverting, cloth finish, dumpy level, a Keuffel and Esser compass, and a Philadelphia rod, have been added to the equipment of Prof. Slocum's department, during the past week.

### VETERINARY SCIENCE ELECTIVE.

Dr. Van Es has announced that the class in Veterinary IV, (Junior year elective), will be elective. He has decided to devote the entire spring term to the study of the anatomy, physiology, pathology, and clinical aspects of the reproductive organs.

### NEW EQUIPMENT.

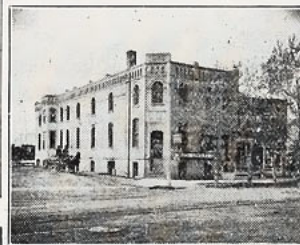
Among the recently installed equipment for the physics lab. are: a transformer, a calorimeter, and a small hot-air motor. The last mentioned shows a striking illustration of the rapidity with which gases expand and contract under the influence of heat and pressure.

Pa—Johnny, what are you making all that racket for?  
 Johnny—So I can go and play tennis with it.

Pa—Then you need a bawl, too. Bring me the trunk strap, young man.—Ex.

### NEW DOORS.

The corridor connecting the Engineering building with the mechanical building is now provided with a pair of swing doors that completely shut out the gases from the engine laboratories and the forge shop.



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**PERSONAL**

Mr. Ludwig Patton, of the Patton Paint Company, of Milwaukee, had a consultation with Prof. Ladd last Friday.

Mr. A. W. Morey, representing Forman, Ford & Company, of Minneapolis, was a visitor at the Chemical building last Thursday.

Mr. Scanlon, president of the Page school board, was a College visitor last Wednesday.

Mr. Clark Kelley, of Devils Lake, has returned from his visit to Europe. He attended the board meeting Wednesday.

Prof. Abbey, coach of the Mayville Normal basketball team, was a College visitor last Thursday.

Mr. Henry Reddy, who has been suffering from a severe attack of typhoid fever, is reported as improving.

Louis Salisbury, a former A. C. student, is reported to be very ill at one of the local hospitals.

Miss Grace Briscoe, a former member of the class of '08, visited at College last week.

John A. Swenson is to have the position of assistant at the Wiliston sub-station.

Mr. Wm. Porter was a visitor at College last week. Mrs. Porter arrived Saturday.

It is rumored that Inspector Lynch will leave us about the first of April. He has asked to be transferred to an eastern location.

Thos. P. Lewis had the mumps last week.

Dave Moore is back to College after an extended absence.

Miss Childs is seriously ill, suffering from a severe attack of tonsillitis.

Mr. Harry Heath, a former student, attended Chapel Monday.

Ralph Hilborn's father and brother are visiting the College.

Miss Mae Miller is a pleasant visitor on the campus.

Dr. Leonard of Fargo attended Chapel last Monday.

**OUR CYCLONE FIXER.**

Prof. Arvold is a fixing man, As no one will deny. Faculty and students, The people of the town,— He fixed them one, he fixed them all, He fixed them right up brown. He fixed the Philos and the Mus, He fixed Athenians too— Engineers and Farmers, He fixed them all together. He fixed the Forum and the Mayor He even fixed the weather. M. & M., '09.

"To him who hath much shall be given." The circus gives each organization a neat sum to put into the treasury. The organizations have every reason for thanking Prof. Arvold for his timely undertaking.

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Mattie Jones,  
Glyndon, Minn.

Students don't seem to have the same opinion of some schools as the proprietors do themselves.

**Barber Shop and Bath Rooms.**

I desire your patronage and give special attention to students. I do work for most of the faculty of the Agricultural College and am sure to please you. I employ only the most experienced barbers and conduct a perfectly sanitary shop. Under Merchants' National Bank, Corner N. P. Ave. and Broadway.

Baernstein was talking under difficulties with all those whiskers on his face. "Bud" looked the part alright.

As chief barker, Nemzek was an unqualified success, but you ought to hear his voice before and after.

Magill don't think it pays to slam the lawyers—not when one of the judges is an attorney.

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OUR LAST IMPORTATION arrived at New York on Steamship Minnehaha, Aug. 5, and consisted of 87 Prize Winners, all personally inspected and purchased by our Robt. Burgess, who has been in the business 35 years. These stallions are for sale at bargain prices. Come and see us, we want your custom. We are permanently located at Fargo, own our own barn and are the only importers in North Dakota.

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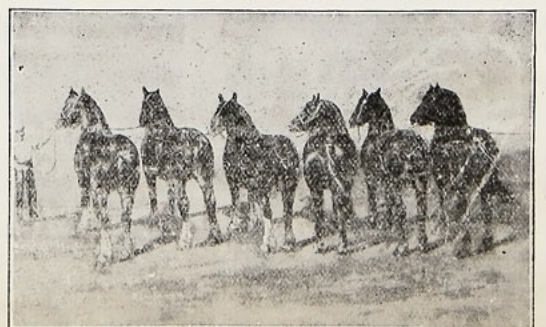
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KICK COMING.

Short Course Men Want Credit

Editor Spectrum:

There is a feeling among the short course men, as well as several others, that they were not given all the credit they deserved in helping to make the Cyclone Circus a success. In reading the last Spectrum it sounds as though they were simply "not in it."

The Fargo Forum and the public noticed and were surprised to see that the Circus was the short course man's success as well as anybody else's. I therefore hand you a few hints which I hope you will find room for in The Spectrum.

The first one is that you are in error in saying that the parade was headed by Chief Marshall, Colors, and a carriage containing Mayor Elliott, Pres. Worst, Maj. Ulio, and Director General Arvold. It was headed by Chief Marshall and the chief and captain of the Fargo police fore, followed by six special police (each averaging about two hundred weight) from the A. C. This was followed by the second band, the colors, and then came the carriage.

You also stated that at the corner of Seventh Ave. and Broadway the parade disbanded. This is not altogether true as the first and second sections of the parade kept in marching line as follows: Chief Marshall, Special Police Second Band and "Coxey's Army." These men should be given credit for facing the storm and marching back as though the weather was ideal. This was one thing which none of the other organizations did.

In the parade itself, credit should be given to those already mentioned in The Spectrum and besides to Marshal Dynes, and Mr. Traynor who made "Coxey's Army" not only the largest part of the parade but also the very best part. Mr. Traynor worked hard to make it a success as also did Mr. C. C. Russell, who did his share toward making Coxey's Army the

largest and best ever seen in Fargo. The short course men should have high praise for the way in which they took part both in the parade and in the Big Show.

Prof. Richards should also be given due credit for taking the trouble of having the College stock in the parade as this part of the parade was a credit to the institution, to the state, and to the herdsman who fitted the stock out for display. He also should have credit for the way in which he had the circus animals trained and for the splendid collection in the menagerie. The work of the short course men on the inside keeping perfect order and peace during all the performance, helped tremendously to make the big show a success.

Short Course Student.

"JONAH."

Prof. Sterns of Wesley College, Grand Forks, was the speaker at convocation last Monday. His theme was the book of Jonah and his presentation was an admirable appreciation of this great literary work of the Hebrew scriptures. Its underlying thought and garb is in reality of such great depth and majesty that it is little understood by the general public.

The story of Jonah is a parable, picturing the mental and spiritual struggles of the prophet in coming to the realization of the oneness of humanity. This idea was opposed to the Hebrew doctrines.

There are two parables in the story of Jonah. One is the adventure with the sailors of Tarsus and the other is of the parable of the vine. These bring forcibly to the mind that the Gentiles as well as the Hebrews are of the same creation and the same creator rules over all.

The speaker gave an excellent setting of the book of Jonah and gave a good interpretation of the meaning of the book.

DEGREES AGAIN.

The Spectrum recently protested editorially against the one degree system now in vogue in this institution. It seems to me as an agricultural student that the protest is well grounded. It is not enough to say that the B. S. stands for a definite amount of work. The student who specializes in engineering or in agriculture may or may not have done an amount of work the equivalent of that covered by the general science student. The point is that the world at large reads the B. S. as the badge of a general science training, while the student in agriculture who has completed his course has a specialist's knowledge along the lines of his major study. Abilities equal, he is distinctly better qualified to do his professional work than is the man whose training has been general. And the degree granted by the institution

should indicate, not alone the total amount of academic effort, but the direction of that effort. This is simple justice to the professional student, to the general science man, and to the public. Personally I strongly favor a change in the reading of the degrees so that the major work done by the candidate shall be indicated.

Hugh J. Hughes.

## COMMERCIAL CLUBS JOIN FORCES WITH FOOD COMMISSION.

On March 10th, Prof. Ladd attended a meeting of the commercial organizations of the state, in Grand Forks, the purpose of which was, if possible, to join price for durum wheat. The price for Durum wheat. The meeting was well attended and successful. Prof. Ladd delivered a paper on "The Proper Place of Durum Wheat," which was well received by the assembly.

Among the resolutions adopted by the assembly were those denouncing the unjust discrimination of the line elevators against one of North Dakota's chief products, durum wheat, and those commending the attempts of the federal government to secure the proper labeling of flour, not only to show its contents but the state in which it was grown; also endorsing heartily the work of Commissioner Ladd, declaring that he was in the interests of the consumer, but also the millers. The efforts put forth to secure the passage of the federal grain inspection bill were approved. The ladies of North Dakota were requested to use durum wheat in their cooking.

It seemed to be the general sentiment of the convention and this was also upheld by the commissioner that durum flour was in nearly every respect equal to that made from hard wheat both from the standpoint of the miller and the consumer, and Prof. Ladd stated that personally he preferred the durum flour and used it on the table entirely, and that the tests made at the experimental mill would go to show that nearly an equal amount of flour can be produced from both the wheats, pound for pound.

It is interesting to note that the millers are beginning to appreciate the true significance of Prof. Ladd's efforts to secure the proper recognition of North Dakota flour and are forcing the millers outside the state to properly label their products and that many of those who were at first strongest in the fight against him, now say that he is in the right and are co-operating with him.

The date for a second convention of the commercial clubs was set for March 2nd, 1909, at Devils Lake.



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