

# THE WEEKLY SPECTRUM.

Official Publication of the Student Organization.

VOL. 15. Number 26. NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY APRIL 6th, 1909. PRICE 5 CENTS.

## Thirteenth Annual Inter-Collegiate Oratorical Contest

CONTEST AT STONES HALL ON FRIDAY EVE

A. C. Should have the Largest Delegation—Business Men Inserted.

TICKETS RESERVED AT CASSELMAN'S.

Music by Orchestra—Reception Follows the Contest.

Arrangements have been completed for the 13th Annual Inter-Collegiate Oratorical Contest and the flow of oratory will begin at eight o'clock Friday evening. The contest will be held in Stones Hall and a large crowd of people from the various institutions represented and citizens of Fargo is expected. The A. C. delegation will doubtless be the largest, as the contest is held under their auspices this year and will be well supported by the faculty and students. All tickets sold this year will be for reserved seats which may be reserved at Casselman's Drug Store. Students from Fargo College and the A. C. will also canvass the schools and people of the city and sell tickets.

**The Orators.**  
Mr. Wm. W. Clary, who represents Fargo College, will deliver "The American Mastery of the Pacific." He is a well known speaker from Fargo College, having taken an active part in interests and inter-society debates for the past two years. As a student of Fargo High School, he was prominent in public speaking, having been a member of the debating team that defeated Valley City High School and delivered an oration at graduation.

Miss Althea Ulsaker, who represents the State Science School,

will deliver "The New Gospel in Criminology." She was the winner of second place in the state oratorical contest last year and was one of the representatives of the state in the inter-state oratorical contest with South Dakota. She is also prominent as a speaker in her own school.

Wm. R. Lanxon, who represents the Agricultural College, will deliver "Our Continued Commercial Supremacy." He was A. C.'s representative in the intercollegiate oratorical contest last year, is a prominent speaker of the Farmers'



Wm. W. Clary, Fargo College.

Institute Corps, was a member of the team which won the Stockwell prize debate last year, and is prominent in literary work and as a speaker at the College.

### The Program.

The members of the Executive Committee of the Oratorical League are sparing no pains to make the contest the best that has ever been held. The Agricultural College Orchestra has been engaged to play and will add very materi-

ally to the other good things in store for the attendants.

The prizes which will be awarded to the winner are the best that have ever been offered in a like contest in the state. A valuable gold watch, which is given by the Masonic body of North Dakota, will be presented to the winner by a representative of the Masons. The O'Connor Trophy Cup, a beautiful silver cup presented by Mr. J. F. T. O'Connor formerly of the University, goes to the institution whose orator wins first place, and a gold medal is awarded the first orator by the Oratorical League.

The judges for the contest will be Judge Chas. F. Amidon of Fargo, Judge W. E. Purcell of Wahpeton, and Rev. W. W. Moore of Grand Forks.

### Reception.

Following the contest, the orators, judges, and guests will be tendered by a reception by the Agricultural College Oratorical Association. Light refreshments will be served.

### BASE BALL MEN GET BUSY ON CAMPUS

Good Baseball Schedule Arranged—Track Meet Still up in the Air.

Base ball enthusiasts have been seen daily upon the dry spots about the Campus during the past week and we need only look now for a few days of sunshine to dry away the lakes on the Dakotah Field before the twirlers will be out in full force.

The baseball schedule as it has been arranged will consist of a series of three games with Fargo College, return games with Valley City Normal, games with the Mayville Normal, and the State Science School. A game with the Hamline University will undoubtedly be played upon the 31st and probably one will be played with Macalaster.

No definite announcement can be given as to an intercollegiate field meet. Manager Dynes has the arranging of one under consideration maybe dropped for financial reasons.

Candidates for the both baseball and track teams met yesterday with coach Magoffin at four thirty. Preliminary work will begin at once.

### COLLEGE TO PLANT WILLOWS FOR RAILROADS

Professor Waldron has received a request from Mr. Hamilton, resident engineer of the Great Northern Railroad at Minot, to plant 90,000 trees along the railroad from Grand Forks to Williston for the purpose of snow breaks. The Golden Russian willows will be used for this work as these willows proved so satisfactory with the Northern Pacific in the state last year. He also received a request from the manager of the Northern Pacific Railroad to plant 100,000 more willows along their right of way in the state. This company report the Golden Russian willows as making a very good growth last year under rather adverse circumstances of drouth and are well pleased with them.



R. E. Wenzel, University.

### Y. W. C. A. WILL STAGE BREEZY PLAY APRIL 30th

Are Hard at Work on the Catchy Little Drama "Breezy Point."

The Y. W. C. A. girls are now busy with their preparations for the staging of the play "Breezy Point," upon the evening of April 30th. The play is a light comedy in three acts by Bell Marshall Locke and calls for thirteen female characters.

The play is thoroughly modern in its setting and portrays most graphically the experiences of a number of boarding school girls who are spending their vacation



W. R. Lanxon, Agricultural College.

in a quiet rural community. These with such character as Aunt Debby Dexter, mistress of Breezy Point; Ashiel Grant, the work house waif, and Old Clem, the gypsy, unite to make a constant succession of original and amusing episodes.

The girls hope to make the affair a success in every sense of the word and are working hard to do it. The proceeds will go to send Y. W. C. A. delegates to the Geneva Convention.



Miss Althea Ulsaker, Science School.

## Plans For The Interscholastic Meet

Declamation Contest to be Held This Year in Conjunction With Field Meet.

PRELIMINARY ANNOUNCEMENTS OUT.

Medals are offered to Winners and Pennant to School Winning Relay.

Plans for the second Interscholastic field Meet, to be held under the auspices of the Agricultural College, is now well under way and everything points toward a most successful one. This year it is planned to add a second interscholastic event to be held in conjunction with the field meet. This new feature will be the first annual interscholastic declamation contest.

The committees in charge of the arrangements of these contests have sent out the preliminary letters notifying all of the high schools of the state and about twenty of those of western Minnesota. The date set for the track meet is the afternoon of May 15th the declamatory contest to follow in the evening.

### Track Meet.

The events will occur upon the Dakotah Field. All of the regular events will be included in the program and for the winners of 1st, 2nd and 3rd places in each event there will be rewarded respectively gold, silver, and bronze medals. The school winning the relay race will be awarded a pennant.

### The Declam.

The rules governing the meet allows each of the high schools in the territory mentioned one representative in the declamation contest and sets the maximum time for each declamation at twelve minutes. If the number of contestants is too great, a preliminary contest will be held in the morning to limit the evening's program to the proper length. The gold, silver, and bronze medals will be offered to the winners while to the high school which shall send a winning representative for two successive meets an elegant banner will be given.

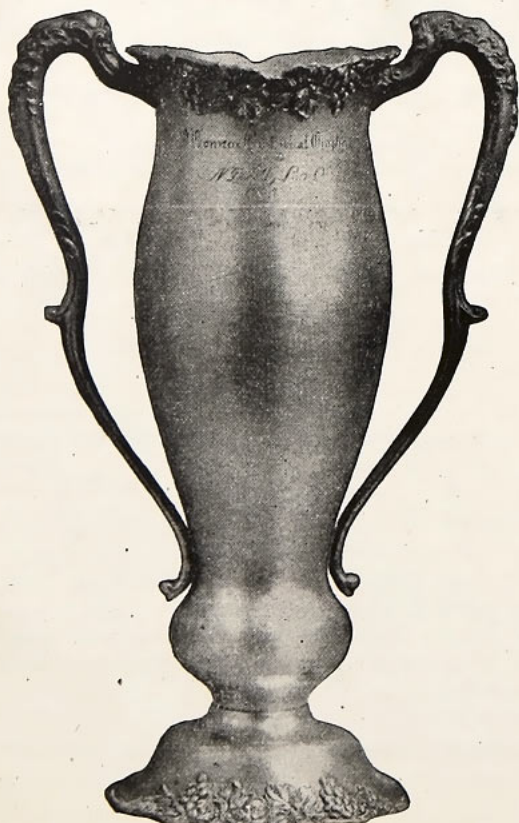
Every student should encourage his home school to enter a representative or representatives in both of these contests. As it is held under the auspices of the A. C., it will devolve upon the A. C. students to entertain the visitors during their stay.

A reception will undoubtedly be arranged for the contestants, to take place after the evening's program and awarding of medals.

### Board Meetings.

At the special board meeting Thursday no new business was transacted, the purpose of the meeting being to close the work for the year preparatory to handing it over to the new board which will be formally organized at the regular meeting which is held today.

Talk about Easter bonnets, have you seen those "nobby lids" at the "Hub?"



The O'Connor Trophy Cup.

Retained by the Institution Winning it two years in the State Oratorical Contest.

**PROSPECTS ARE BRIGHT FOR RURAL CONTESTS**

**Fourteen Counties Already Signed Up for the Coming Season.**

Prospects for the rural school corn growing contests which are held annually in the various counties the state, are this year better than ever. Supt. Randlett who has been in charge of those contests states that already fourteen county superintendents have reported and received printed information relative to the contests.

These contests have been instituted with a view of stimulating further interest in the production of corn. That they are succeeding in their purpose is amply demonstrated by the keen competition and excellent exhibits of corn which were seen at the various county fairs last year.

**A. C. Furnishes Medals.**

The Agricultural College furnishes the seed corn and printed matter relative to the contests to the county superintendents who distribute it to the pupils of the rural schools desirous of entering the contests.

In the fall the contest is held at the county seat where Professor Randlett judges the corn and names the prize winners. Those winning prizes are allowed if they wish to compete against the farmers at the State Corn Show which is held at Fargo during the winter.

**Bulletin Soon.**

Professors Randlett and Churchill are working on a bulletin which will contain a general write-up of the school corn growing contest and also the state corn show. It is expected that this bulletin will be ready for distribution in about two weeks.

**MARKED DECREASE IN BAND THIS TERM**

Since the winter term has closed, casualties among the band boys have been many, and their ranks are badly depleted. It is rumored that Principal Musician Wallen will not return and Brochat and Gussman have left the College. Hertzgaard is expected back though at the present time he is sick with diphtheria.

The total enrollment in the first band during the winter term was thirty-three and now it is only twenty-four. A general cleaning up will be the next performance and Doc thinks that some of the men in the second band will be able to fill the vacant ranks.

**REGISTRATION FEES CAUSE MUCH ELOQUENCE**

Registrar Parrott caused a great consternation among the students who failed to register promptly by the strict enforcement of the registration fee. It is rumored that some of the Seniors waxed quite eloquent on the subject, but they failed to move the hard-hearted registrar in the least.

**Surveyors Busy.**

The classes in reshman and Sophomore surveying are being organized and field work will begin as soon as the weather becomes a little warmer. In the meantime, the management and use of the instruments will be studied indoors as much as possible.

Base ball enthusiasts are expected out in quantity now that the snow banks have disappeared from the Campus.

Out door baseball started last Saturday on the front Campus. The athletic field still remains a little soggy for enjoyment.

**NEW BOARDERS AT THE A. C. LADIES' HALL**

**Five Gentlemen are Initiated at Dinner on All Fool's Day.**

April 1st will undoubtedly go down in the lives of a certain five of young men as one of the epochs in their history. Not that it was April Fool's day although this fact was thoroughly impressed upon them but because upon that memorable day they began taking their meals at the Dormitory.

Rumors of such an arrangement have been heard of for some time, but were generally received with scorn. Such a thing was unprecedented and the event was too impossible to be considered.

Yet that Thursday in spite of popular belief these five intrepid gentlemen marched boldly to the Dormitory for dinner. What occurred when they passed those mysterious portals little is known but if reports may be credited that first meal will be long remembered by all who participated. To carry out the spirit of the day the salt and pepper had been interchanged and when the sufferers seized upon some very tempting looking candy to counteract the effects of the salted coffee they found that in this the principal constituent was cheyenne pepper.

By Friday, even, the bravest of their number was thoroughly cowed but they agreed to stick to the bargain if they could be granted a private table and a special food inspector.

For further particulars ask Darling Babcock, Evingson, or McCall.

**ANNUAL PUBLICATION IS WELL UNDERWAY**

**Will Probably be Out by the First of Next Month.**

Manager Darling of the 1910 Agassiz returned last Thursday from his trip to Winona where he went to superintend the arrangement of the annual and to settle up some business matters with the publishing company.

Mr. Darling reports that the work is progressing nicely. A large part of the proof has already been submitted to the editors for the final proof reading and at the present time everything would indicate that the printer will be able to place the annual in the hands of the subscribers by May 1st or at the very latest by May 5th if all continues to go well.

**ENGINEERS HANDY**

**Distressed Aggie Finds Relief Among Engineers.**

The value of the Engineering department was demonstrated in a most practical way last week when one of the agriculturists had the misfortune to break his belt. After a desparate but futile attempt to repair the break in the harness room he made his way to the Engineering building and appealed for aid. The engineering students and faculty rose manfully to the occasion, the machine and forge shops were thrown open and in a short while the belt was one more in working order and the aggie went his way rejoicing, also in working order. This goes to show that the Engineer is of prime importance in upholding modern inventions.

**Lost.**

A Physiology University cover at Science Hall during vacation. Finder please return to Esther Morgan.

**SENIORS PREPARING FOR GRAND BALL**

**Apr. 17th is the Date—To Eclipse all Social Events of Year.**

As a forrunner of the Commencement events comes the Senior Ball on the 17th of April. The Seniors have for some time been busy upon the plans for this event which they hope will eclipse all other social events of the season.

**Decorations.**

Decorations, new and novel will transform the Armory on this occasion. Subdued light from Chinese lanterns will lighten the hall and reveal the colors of cardinal and silver gray. Booths or tete-a-tete rooms will be laticed off in the corners. Light refreshments will be served throughout the evening at the convenience of the guests.

**Junior Guests.**

Invitations to the affair will be issued this week. The Seniors will return the compliment of the Juniors and invite them to be present as guests of honor.

Dr. Putnam promises the best of music for the occasion and his eight piece orchestra will again delight the dancers.

**BACHELORS LOSE THIRTEENTH OF SERIES**

**Benedicts Want the Oysters—but Bachelors are not Ready to Quit.**

On Tuesday of last week occurred the thirteenth of the faculty Bachelor-Benedict indoor baseball games. The game proved to be unlukey for the Bachelors who went down to defeat by a score of 31 to 27 at the hand of the valiant eight of the benedicts.

The only special feature of the game was a bum decision of Umpire Hennis and the chastizement administered at the hands of Professor Rose.

**Benedicts Ahead.**

The result of this game gives a total of seven victories to the married pedagogues and six to the unmarried. At the opening of the series it was agreed that the side losing the most games should buy an oyster supper for the bunch. The Benedicts now claim that the honor of being the guests at this same oyster feed which has fallen to them.

**No Oyster Supper.**

The Bachelors, however, take a different view of the matter. They say that when the benedicts are ahead is the only time you hear anything about the supper proposition and so that as there was no agreement as to the number of games to be played that they can't see their way clear to blow themselves just at present.

It is probable that a series of three games will be arranged to settle the dispute.

Professor White last week prepared an exhibit for the purpose of demonstrating the impurity of Red River water for a down town show widow. Placing the waters in several cylinders he induced the coloidal substance in suspension to precipitate by the addition of minute amounts of alum. The amount of the precipitate was certainly a revelation.

A pocket book nailed to the plank walk to the Dormitory is said to have caused several young ladies to be late to their classes Thursday morning.

**Fargo Milk Company**

Phone 26— 619 Second Ave. N.

Wholesale and Retail Dealers in

**Dairy and Creamery Products, Eggs, Cheese, Pure sweet Milk and Cream**

*Bottled and delivered to any part of Fargo and Moorhead.*

**Knight Printing Company,**

PRINTERS, BINDERS, LITHOGRAPHERS, PUBLISHERS  
Fargo, North Dakota.

POLITE VAUDEVILLE AT

**THE GRAND**

Matinee Prices 10—20c every Afternoon and Evening.  
Evening 10—20—30c

**STONE PIANO COMPANY,**

Manufacturers, Importers, Publishers.

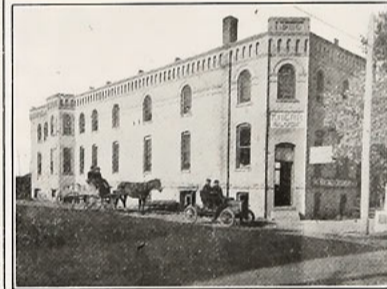
EVERYTHING KNOWN IN MUSIC

Fargo, N. Dak.

Est. 1894

**HERE -- BOYS!**

For the Sporting News you must read *The Daily News*. The only Sport Page in the state.  
40c Per Month—Seven days a week. Phone 1402 and 1826.



**The Knerr Creamery**

Pays the Highest Cash Price for Cream.

PROMPT RETURNS A SPECIALTY

Write Today for Shipping Tags and Information

The Knerr Creamery

Fargo, N. D.

The largest and most modern creamery building in N. Dakota

**Happy The Man**

who buys his books, stationery, pennants, drawing instruments, postcards, and all college supplies at the

**A. C. Book Store,**  
(Administration Bldg.)

BABCOCK, DARLING & KEENEY.

**KODAKS**

Everything known in Kodaks and Supplies call or write us for Catalogue.

E. P. SUNDBERG & CO.,

Gold and Silversmiths—Mfg. Opticians.

Fargo,

N. Dak.

**SHIP YOUR CREAM to the**

**FRANK. O KNERR DAIRY COMPANY,**  
WHOLESALE AND RETAIL CREAMERY.

Cash Paid For Cream and New Laid Eggs.

Our Special O. K. Brand Creamery Butter is always in demand which makes it possible for us to pay the top notch price for cream. We specialize in New laid Eggs. Write to us for tags and quotations.

No. 7 8th Street So. - - - - - Fargo, N. Dak.

Three classes in shorthand have been organized for this term in elementary advanced and dictation work. Man's word to man are often flat; Man's words to woman flatter; Two men often stand and chat; Two women often chatter.—Ex.

# J. F. HOLMES & COMPANY,

Agents for

## H. S. & M. Clothing

Knox & Gordon Hats. Manhattan Shirts, Hannan, Packard & Regal Shoes.

100-102 Broadway . . . . . Fargo, N. Dak.

### STOCKWELL DEBATERS ARE HARD AT WORK

Ten Debaters are Preparing to Argue Reciprocity.

Work on the Stockwell debate is fully under way and a constantly increasing interest in the outcome is being manifested among the students. As an annual event the debate is of considerable importance, but this year it will have an added interest from the fact that it will probably go far toward deciding whether or not the College is to have an intercollegiate debating team next year.

If the coming debate is as successful as it now promises to be, a team will undoubtedly be chosen before the end of the term and arrangements made at once for one, and if possible, two or three intercollegiate debates for next year. A great impetus was given to the sentiment in favor of intercollegiate debating last Friday night when Professor Arvold addressed the two literary societies on the subject and with the students thoroughly interested in the subject, as they now are, the prospects for debating in the future seem very promising.

The question for this year's Stockwell debate, "Resolved that the United States should establish commercial reciprocity with Canada," is one which should be of special interest to the people of this region on account of our close proximity to Canada and the great Agricultural interests involved in such an issue.

Owing to the large number of applicants it has been decided to have five debaters on each side, thus giving ten speakers an opportunity to participate. Ten minutes will be allowed each speaker for direct argument and two or three minutes for individual rebuttal.

### COOPERATIVE WORK IS PROGRESSING NICELY

Over Forty Students are Working With Prof. Doneghue.

The co-operative work in Farm Management is progressing nicely according to a statement made to The Spectrum by Professor Doneghue of the Agricultural Department, who has the direct supervision of the work. "At present," he says, "there are over forty students and farmers co-operating in the work." This promises well for the short time the work has been under way, and the next few months will doubtless witness a marked increase in the number who are taking up the work.

As explained by the instructions published and sent out by Professor Doneghue, the object of the work is to determine the cost of production of the various farm



**A. G. SPALDING & CO.**  
The Largest Manufacturers in the World of Official Athletic Supplies.

**FOOT BALL, BASKET BALL, ICE SKATES, HOCKEY GOLF.**  
Uniforms for all Athletic Sports. Official Implements for all Track and Field Sports.

**GYMNASIUM APPARATUS.**  
Spalding's handsomely illustrated catalogue of all sports contains numerous suggestions Mailed free anywhere.  
**A. G. SPALDING & CO.**  
New York Chicago

### Have You Thought of an ELECTRIC CHAFING DISH FOR MIDNIGHT LUNCHEES

P. S. If a co-ed., how about an Electric Curling Iron or Flat Iron?  
Curling Iron Heater ..... \$2.00  
Chafing Dish ..... \$9.00  
Flat Iron..... \$4.00 and \$4.50  
A very new Iron.  
**UNION LIGHT, HEAT & POWER COMPANY.**

### ALEX STERN & COMPANY,

Edwards Building, Corner Broadway and N. P. Avenue

Headquarters for

**FINE MEN'S CLOTHING and BOYS' WEARING APPAREL**  
Sole Agents for

Stein Bloch Clothing, W. L. Douglass, Burt & Packard  
: : : : : Florshiem Shoes : : : : :

We carry the Largest Line of  
Fur and Fur Lined Overcoats in the Northwest

### OUT OF THE ORDINARY

This furniture store of ours is an "Out-of-the-Ordinary" store. "Out-of-the-Ordinary" furniture at ordinary prices.

#### LEATHER COUCHES

New ones on the floor, so you'll choose from a Full Assortment of the Best Couches Made. We pride ourselves on our showing in leather goods.

#### BOOK CASES

Now is the time to change to a larger one... or get a "Viking" We have an elegant line in this stock.

We are exclusive Agents for the

#### HOOSIER KITCHEN CABINET

A pantry, cupboard and work table combined. A Hoosier cabinet costs little and saves half the time and labor in the kitchen by grouping every article; all supplies at your finger's ends... no unnecessary steps. Let us tell you more about it

### Bergstrom & Crowe Furniture Company,

121-123 Broadway

Fargo, N. Dak.

products in different parts of the state; the relative profits derived from grain, mixed, stock, and dairy farming; and the profits realized on investments in the various farming enterprises. Blanks are provided by the Experiment Station which are sent out to the farmers who fill them out with the amount of time and labor expended in the various farm operations together with the receipts and expenditures for the week. These are then sent to the Experiment Station where data is kept on record and the conclusions drawn.

#### LET THE PIGS DO THE WORK

Clarence Plath, who has been doing his thesis work on the different methods of feeding swine, has completed his first thesis and is now devoting his time to the second. In his first work he found a gain of seven percent in the feeding of ground feed over that of feeding feed which had not been ground.

The second thesis work is perhaps one of the most novel and interesting of any work that is being carried on in any of the departments. In this experiment one lot of pigs is being fed unground feed, while the other lot receives a ration of ground feed, but they are required to grind it themselves by means of pushing a feed grinder around with their noses as they feed. The results of this experiment will be watched with interest, as it will be a test of efficiency between work done in the two days of grinding feed.

Once I was a freshman,  
Now I am a Soph:

Pretty soon I'll graduate,  
And then I'll be a Prof.  
Once I was a Sophomore,  
Now a Junior wise,  
Next year I'll be a Senior  
And my head will hit the skies.  
One I was a Junior,  
Now a Senior grave;  
Walking round in cap and gown  
Looking very brave.  
Once I was a Senior,  
All is over now  
Wife washes dishes  
And I milk the cow.—Ex.

#### FORTY THOUSAND

##### ATTEND INSTITUTES

Supt. T. A. Hoverstad returned Friday evening from his usual round at the farmers' institutes. He states that thus far there have been 67 meetings held this year and that the aggregate attendance at these meetings is 40,000.

A marked increase is noticed in the interest manifested by the farmers this year especially in regard to the culture of clover and alfalfa and also the raising of livestock. In a few sections special attention is being paid to the growing of potatoes.

#### Table of Value.

"Now, children," commanded the austere instructor in advanced arithmetic, "you will recite in unison the tables of values."  
Thereupon the pupils repeated in chorus:  
"Ten mills make a trust.  
"Ten trusts make a combine.  
"Ten combines makes a merger.  
"Ten mergers make a magnate.  
"One magnate makes the money."—New York Times.

### Societies

#### College Directory.

- STUDENTS' ORGANIZATION  
W. O. Whitcomb.....President  
Kathryn Grest.....Secretary
- ORATORICAL ASSOCIATION  
Leo P. Nemzek.....President  
Agnes Halland.....Secretary
- WESTERN LEAGUE OF ORATORY  
Alvin Hansen, Yankton, S. D.....Pres.  
C. O. Lee, U. N. D.....Vice-Pres.  
W. O. Whitcomb, A. C.....Sec'y & Treas.
- N. D. I. L. O.  
F. A. Stever, Fargo College.....President  
W. O. Whitcomb, A. C.....Secretary
- ATHENIAN LITERARY SOCIETY  
Chas. A. Michels.....President  
Jessie Thompson.....Secretary
- PHILOMATHIAN LITERARY SOCIETY  
Mary Miller.....President  
McLean Cooper.....Secretary
- HESPERIAN SOCIETY  
Leslie Herron.....President  
John Heath.....Secretary
- DRAMATIC CLUB  
Edwal Moore.....President  
Grace Lofthouse.....Secretary
- Y. W. C. A.  
Jessie Thompson.....President  
Getrude Gibbens.....Secretary
- Y. M. C. A.  
H. C. McKinstry.....President  
Amos Even.....Secretary
- AGRICULTURAL CLUB  
Wm. Maxwell.....President  
T. O. Brandenburg.....Secretary
- LYCEUM OF ENGINEERS  
V. C. Parker.....President  
Leo Thien.....Secretary
- TEACHERS' CLUB  
Ole Naarl.....President  
Olaf Hendricksin.....Secretary
- A. C. P. C.  
W. M. Humphrey.....President  
A. S. Plath.....Secretary
- ALPHA MU  
Leslie Wheeler.....President  
Edwal Moore.....Secretary
- ATHLETIC ASSOCIATION  
Leo Nemzek.....President  
Arthur Murphy.....Secretary
- GIRLS' ATHLETIC ASSOCIATION  
Bessie McKee.....President  
Mary Miller.....Secretary
- TENNIS ASSOCIATION  
J. G. Halland.....President  
C. E. Nugent.....Secretary

#### PHILOMATHIAN SOCIETY

The Philomathian Literary society met in the Society room Friday evening, April 2nd. The first number was a piano solo by Agnes Halland, which was much enjoyed by all. Scott Stambaugh gave the "Locals," which were witty and new. "A Prophecy of the Times in the new Dormitory" by Elsie Pelisser showed that even in a short time many plans can be made for a good time. The closing number was an original story by Ruth Atken which was very interesting.

#### "Pan-Cake Social."

The Philomathian Literary Society gave a very enjoyable entertainment at Francis Hall Friday evening, April 2nd. After the conclusion of the literary program the members invited the Athenians and others to join them in this gathering. A social time was enjoyed until about eleven when all were invited to the dining room and pancakes, wafers, syrup, doughnuts and coffee were served. After satisfying the "inner man" a departed feeling that they were well repaid and that the Philos are among the famous chefs of the state.

#### ATHENIAN.

The Athenian Literary Society met in the society room Friday, April 2nd. At roll call response was made by a pun, joke, or short story and many amusing things were told. Ruby Gibbens gave a declamation, "The Onelegged Goose". Howard Darling gave a very interesting talk upon some phases of a business manager's trip. Tena Grest then sang a solo. Earl Hunt recited a German poem upon "Spring." Professor Arvold gave an interesting and helpful talk upon "Intercollegiate Debating." All joined in singing the Alma Mater, which was the closing number.

#### HESPERIAN

The regular meeting of the Hesperian Society was held Friday evening. The feature of the program was a debate upon the question, "Resolved that it would be for the best interests of the A. C. if the semester plan were adopted."

After the debate readings were given by a number of the members

#### HELP TO BUILD

up North Dakota by patronizing its Manufacturers. You do when you buy of the

**MONSON TRUNK & BOX CO.,**  
Fargo, N. Dak.

### KEEP AWAY

From COWIE'S Barber Shop if you don't want the best work in the city.

### THEY KEEP COMING

for our work makes friends.  
**Waldorf Bath and Barber Shop.**  
P. F. Martin, Prop.

"O, wah ta na Siam  
"O, wah ta na Siam  
Ah na Siam"

The above was given on April 1st as the national anthem of Siam. At first reading it may appear to have no meaning, but if sung to the tune of "America", it's truth is brought home and one is able to share its significance with the Siamese.

# The Palace Clo. House,

No. 1 Broadway, Magill Block

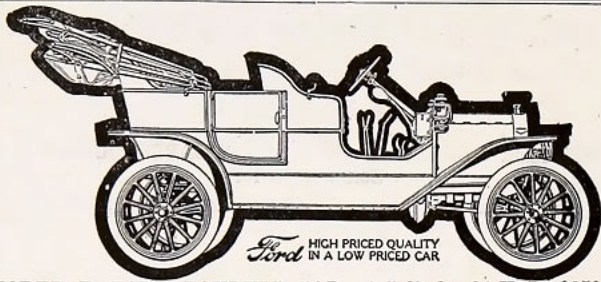
FARGO, N. D

Everything in Clo. & Up-to-date Furnishing

10 per Cent Discount to A. C. Students.

# The Model

on Suits, Overcoats, Underwear, Rubbers and Overshoes for the next two weeks at  
**THE MODEL CLOTHING HOUSE, 63 Broadway, Fargo, N. D.**



**MODEL T. FORD TOURING CAR.** 4 Cylinder 24 H. P., \$850, F. O. B. Detroit. Send for catalogue or call on

**The Frank Lynch Company,**  
 Fargo and Casselton, N. D.

## Schools and Colleges

will find it to their interest to correspond with us when in need of designs or printing plates of any kind. We do more college work than any other engraving house in the Northwest.

**Buckbee Mears Co.,**

Designers - Engravers - Electrotypers  
 St. Paul, Minn.

## THE HUB RESTAURANT

55 Broadway

Fargo, N. D.

## Your Spring Suit Made in N. Y. Style

Let us tailor your Spring suit or overcoat as the best tailors in New York City or Chicago would tailor it.

Let us give you a suit for Easter that you would not be ashamed to wear even at a swell afternoon social affair given by the exclusive clubmen on Fifth Avenue, New York.

It is easy enough to get a suit that looks well to the average man. Let us give you a suit tailored with all those exquisite touches and niceties that only a metropolitan tailor can put into clothes.

We can put a metropolitan tailor at your disposal. We take your measure and send it on to the Great Royal Tailors of Chicago and New York who will put one of the best designers in America to work on your suit.

And the cost will be less than any local tailor would charge. For where the local tailor makes one suit of clothes this world-wide organization makes a thousand.

Come in and see our beautiful All Pure Wool Royal Woolens. 500 to choose from.

**J. B. ASHELMAN, Sales Agent**

Phone. No. 815

518 N. P. Ave.



## UNEQUAL EYES

Do you see equally well with both eyes?

If not, both may be defective—one certainly is.

Have them properly examined.

We prescribe glasses only when also lately necessary, and guarantee satisfaction. Consultation free.

**D. D. SULLIVAN, Optical Specialist,**

612 Front Street, Fargo, N. Dak.

## W. D. Hodgson's

is headquarters for Fargo City property and Cass County Lands.

Phone 125L

Cor. Front & B'dw., Fargo, N. D.

## J. E. JOHNSON CYCLE

...SUPPLY HOUSE...

SPORTING GOODS, CUTLERY,

Guns, Ammunition and Bicycles,  
 216 Broadway, Fargo, N. D.

## THE NITROGEN PROBLEM IN AGRICULTURE

Prof. Doneghue Discusses the Ever Interesting Problem of the Soil.

"The Nitrogen Problem in Agriculture" was the subject of Professor Doneghue's paper which he delivered at the regular meeting of the Polytechnic Society last Wednesday evening. He treated the subject from the practical standpoint and introduced only such technicalities as were needed to make the meaning clear. The paper as delivered is in part as follows:

"While from the viewpoint of the plant we cannot say that one element of plant food is more important than another, from the farmer's point of view, it must be said that some elements are more important than others. A plant requires eleven or twelve elements of food and if any of these are withheld the plant cannot carry on the physiological process which leads to its development. Fortunately, however, there is in abundance of these elements in most soils in their virgin state. If they are continually cropped to one or two crops or otherwise mismanaged, some of these elements may become deficient, at least in the available form. If there is an absolute deficiency of some of the elements in the available form, it may be that proper tillage will change some of the unavailable forms to available forms without the addition of any of the elements. In practice the problem is a complex one and its solution often requires a combination of treatments. Climatic conditions, physical properties, biological factors, and chemical composition all help to make the problem more complex."

### Nitrogen Lacking First.

"For most soils cropped, as new soils usually are, nitrogen will be the first to be lacking in an available form. The farm lands in the corn, wheat, and cotton belts of the United States are notable examples of nitrogen deficiency produced by continuous cropping to one crop. For this reason nitrogen is one of the most important if not the most important element of plant food. Another very important reason why we consider it important is that it costs nearly three times as much on the market as any of the other elements that are apt to be lacking. And, last but not least, it is the only element that is apt to be deficient that the farmer can take from the air without the aid of any appliances except the ordinary farm implements used in a proper system of farm management. For most soils in the United States there is no excuse for the use of commercial nitrogenous fertilizers for general farming purposes.

### Nitrification.

"There are three distinct steps in the production of available nitrogen from the humus of the soil. Each one of these steps are effected by certain species of bacteria. It is a simplifying process and the first step is the breaking down of the organic material which results in the formation of ammonia, carbon dioxide, water and some other materials, among which is free nitrogen gas. This process is known as ammonification. Here is one place where nitrogen is lost. Ammonia is volatile and unless the soil is able to absorb it or it unites with some of the other elements from ammonium salt it will be lost. As stated by one of the

leading bacteriologists of the country the chemical reactions which take place in this process are very complicated and depend on various biological factors which are far from constant.

"The breaking down of the complex organic bodies in humus is brought about by two distinct processes decay and putrefaction each of which is brought about by a certain class of bacteria. These bacteria develop their greatest activity in somewhat different conditions. We must not, however, suppose that only one set of these organisms are at work in a given area of soil at the same time, because we may have the conditions favorable for both in a very small area. Decay usually results in the volatilization of the organic substances, while the non-volatile mineral constituents are left behind in a form largely available.

### Forms Available.

"While the general conception is that plants take all of their nitrogen in the form of nitrates, experiments have been carried on that prove quite conclusively that some plants, at least, are able to take the nitrogen to build up their protein compounds, in the form of an ammonium salt.

"Nitrification refers to the process which takes place when ammonia which has been produced by ammonification is changed, first into nitrates. This is effected by certain species of bacteria.

### Denitrification.

"Directly opposed to the process of nitrification there is a process known as denitrification. This consists of the reduction of nitrates to ammonia and free nitrogen, and is brought about by bacteria when certain conditions exist. A large number of bacteria will obtain the oxygen, which they normally require for the breaking up of the organic matter, at the expense of the nitrate. Under the conditions existing in a new soil which is rich in humus, there will be very little loss of nitrogen in this way, if a proper rotation of crops is practiced and the soil is well tilled.

### Loss of Nitrogen.

"From the above discussion it will be seen that there are many ways by which the nitrogen of the soil may be lost in the changes which it undergoes. Large amounts are removed in the crops when exclusive grain, hay, or cotton farming is practiced, the greater part of the products must be sold from the farm, and in this way large amounts are lost annually from our farms. It will also be seen that large amounts will be lost by the formation of ammonia and free nitrogen when humus decays. Still another loss is sustained by denitrification when the soil is not properly managed.

### Rotation.

"The question of what crops we should raise is of quite as much importance as what shall be done with them after we have raised them. In general, we have two classes of farm crops when considered from the standpoint of the soil nitrogen; viz nitrogen producing and nitrogen consuming. Some of the nitrogen producing crops are clover, alfalfa, field peas, vetches, and cow peas and all the plants known as legumes. These plants have tubercles or nodules on their roots which are the homes of certain bacteria. These bacteria have the ability to take free nitrogen from the air and use it in their life processes. They obtain the carbon compounds which they need for nourishment from the carbohydrates which are stored

**BEIDLER & ROBINSON Lbr. Co**  
 Lumber, Cement Plaster and Fuel  
 Phone 130L - - Fargo, N. D.

## INTERIOR LUMBER CO.

Lumber, Wood, Coal

Phone 93. - - - Fargo, N. D.

## ATHLETIC and SPORTING Goods

General Hardware & Tools.



57 Broadway Phone 1530.

## FARGO LUMBER COMPANY

Lumber, Lath & Shingles.

Sand, Gravel, Cement and Plaster.  
 Mill Work of all Kinds.  
 122 N. P. Ave. Phone 243  
 FARGO, N. D.

## C. E. GREEN,

Dealer in Fresh and Salt

MEATS

Poultry, Fish and Oysters in Season

Phone 51-1

No. 105 Broadway, Fargo, N. D.

## DEWEY'S STUDIO

Edwards Building

Will offer special inducements to Students during Jan. and Feb. See us about it.

## The Key City

# Laundry

WILL DO THE BEST WORK TO BE HAD IN THE CITY

W. B. AUKER, Prop.

631 N. P. Avenue Fargo, N. D.

Nearly 40 Years

Of incomparable making. We make a better, more serviceable and satisfactory COLLEGE UNIFORM for the money than any other house in America. Ask any College the majority contract with us. Catalogue and prices free. Address THE M. C. LILLEY & Co. Columbus, Ohio.

"TREMONT" The style of the season—it's an ARROW COLLAR  
 15 cents each—2 for 25 cents  
 Cluett, Peabody & Company, Makers

ed in the roots of the legumes. They are in turn very grateful for the service which the legume renders them and give off waste products as nitrates which the higher plants may use as foods. Some of these nitrates are given off to the soil, some are used by the legume directly, and some are stored up in the tubercles or nodules to be used by subsequent crops. For this reason some of the legumes should have a place in the rotation. They not only increase the nitrogen content of the soil but they have a high feeding value and yield a large amount of feed per acre."

**WHAT OUR FARM HUSBANDRY GRADUATES ARE DOING.**

Fifteen Percent are still in College—Seventy Percent are Farmers.

'03.

Wm. R. Porter took his bachelors degree in '06. Is now superintendent of the State Demonstration farms.

'04.

Th. T. Kristjansen, is in charge of a grain elevator at Gardner, N. Dak.

'06.

A. P. Hertzgaard until last winter was a farmer at Kindred, N. Dak. He is now taking the graduate course at the College.

C. A. Michels, student and assistant in plant breeding since graduation. '09 Senior in Agricultural course.

Gilbert Roaldson, who will be remembered as one of our enthusiastic and active students during his stay at the College, died June 18th, 1908.

Arthur Schollander, farmer at Jamestown, North Dakota.

John Thompson, farmer at Hatton, North Dakota.

Hannes Kristjanson, farmer at Edinburg, North Dakota.

Adolph Wiesbach, farmer at Brinsmade, North Dakota.

'07.

John Bohnsack, farmer at Fargo.

Peter Christianson, farming at Mayville, North Dakota.

Albert Gulman, farming at Sanborn, North Dakota.

Frank Hilborn, farming at Leal, North Dakota.

Nels Thoreson, farming at Mayville, North Dakota.

'08.

Thomas Donnelly, farming at Grafton, North Dakota.

Reynold Flohr, student at the College during the past term.

Sivert Hoveskeland, farming at Talna, North Dakota.

Thomas Lewis, living in Canada.

Einar Peterson, farming.

Bertsand Stoa, farming at Buxton, North Dakota.

Arthur Ueland, farming at Edgeley, North Dakota.

Trying to do business without advertising is like winking at a girl in the dark—you know what you are doing but no one else does.

**PICTURE BOOK WILL BE ISSUED SOON**

Will Show the Students at Work. Catalog Will be Out by Middle of May.

In addition to the college catalog the College is this year getting out a book of views which will be distributed with the catalog. This book will contain sixty four pages and over one hundred cuts including short writeups on each group. The pictures show the college in all its aspects far more effectively than any descriptive matter could. Every department is fully represented and most of the views show the students at work in the various class rooms and laboratories.

**The Catalog.**

The catalog will be somewhat changed from what it was last year and will be printed on thinner paper than formerly. The changes in the Preparatory Course also renders a new arrangement of material necessary, and the catalog will be divided into three departments, College High School, and Special Courses.

The book on both books has been somewhat delayed and it is not yet definitely decided where the printing will be done, but all material will be ready for the printers by April 10th and the books will probably be ready for distribution by May 15th.

**THE GUEST.**

(Theodore Fontane.)  
The child sick unto death,  
The lamp with dimming light,  
The mother sobbing low:  
"We're not alone this night."

The father fain would smile,  
But grief his heart doth rend,  
The night drags slowly on  
As tho it ne'er would end.

At last the dawn peeps in,  
The birds sing with full breast—  
The parents knew long since  
Who'd been last night their guest.  
Transl'd by Dr. Batt.

Boybus kissibus,  
Sweet giorlorum;  
Girlibus likibus,  
Wanti somorum:  
Pater puellibus  
Enter parlorum;  
Kickibus boyibus  
Outi front dorum.—Ex.

**INSPECTION TO COME ON 26th OF MAY**

Captain Lockridge of 13th Cavalry Will Conduct the Inspection.

Major Ulio has received the announcement from the War Department that the Annual Inspection of our Cadet Corps will this year occur at the late date of May 26. This date is later than formerly, but will carry with it the advantage of giving more time for practice out of doors and especially for extended order drill.

Captain Lochridge of the 13th Cavalry will inspect the Cadets this year. In the seven weeks that the intervene before his arrival every cadet should do his best so that a good showing may be made on the day of reckoning.

"Pat, what is it the doctors are sayin' about fever bein' all on account of them germs? What are germs anyhow?"

"Well, Dinnis, ye see it's this way. They're just bugs-wiggle taillike. The've got lots of different kinds of names. In Germany they call them germs; the French call them parasites, and in Ireland we call them mike-robos; but they are just wigglin' bugs."

Place your laundry with Barrett at the corner grocery. He has the agency.

**North Dakota Decorating Co.**  
Practical Painters and Decorators. Dealers in Fine Wall Papers, Paints, Oils, Glass and Varnishes. Sign Painting, Fresco Painting. 306 Broadway, Fargo, N. D. — Phone 699.

**THE MINT RESTAURANT.**  
The best Eating House in the City.  
120 Broadway.

**Ideal Theatre**

High Class Vaudeville.  
**EIGHT BIG FEATURES**  
Night Prices, 10 and 20 Cents.  
Daily Matinee, 10 Cents.  
3 Performances—2:30, 7:30, 9:00.  
Change of Program Mondays and Thursdays.

**BIJOU**

**THEATRE & PENNY ARCADE**  
Fargo's Refined and High Class Automatic, Dramatic and Vaudeville Theatre.  
Performances — 2:30, 3:30, 7:30, 8:30, 9:30 each day  
Entire change of program Monday and Thursday.  
ADMISSION 10c  
Children 5c Afternoons

**Dr. A. J. Kaess**  
Physician & Surgeon  
Phone 141-L.  
608 Front Street - - Fargo, N. D.

**All Wool made to Order Suits \$14.25 up.**

**J. A. HANSON, Room 18, below Fargo Nat'l Bank.** Samples on display at my office or that of J. T. Sparling, 819, 13th Str.

**1000 Men Wanted**  
to stand in the barrel while Bergerson presses their clothes.  
Room 18, Basement Fargo Nat'l Bnk. Bld

**FARGO SEED HOUSE**  
... WRITE US ...  
Fargo, North Dakota,

**TROY STEAM LAUNDRY**  
623 N. P. Avenue Tel. 236  
Wagon goes everywhere.

**A. J. Brown Company**  
Interior Decorating, Painting, Exclusive Imported and Domestic Wall Hangings.  
620 2nd Ave. N., - Fargo, N. D.

**HUBERTZ**  
ELECTRIC LIGHT STUDIO  
Photographs Taken by Day or Night : : : : :  
**RATES TO STUDENTS**  
Try Our Picture Postals at  
**BIJOU THEATRE** : :

Meet Me at the  
**ICE CREAM PARLORS**  
of the  
**WALDORF PHARMACY**  
Agent Johnston's Swiss Milk Chocolates  
OSCAR HALLENBURG, Ph. G.  
**THE REXALL STORE**  
708 Front Str., Fargo, N. D.

**LAWYERS**

**Barnett & Richardson.**  
W. H. BARNETT,  
State's Attorney.  
SETH W. RICHARDSON,  
Asst. State's Attorney.  
Lawyers 7-8-9 Morton Block.  
Fargo, - - - - - N. Dak.

**Stambough & Fowler**  
Attorneys-at Law  
16 Broadway, - - - Fargo, N. D.

**Taylor Crum.**  
Lawyer  
No. 10 Broadway, - - - Fargo, N. D.

**Turner, Wright & Lewis.**  
Attorneys.  
Fargo, - - - - - N. Dak.

**ROBT M. POLLOCK.**  
Attorney at Law  
Stern Bldg., - - - Fargo, N. D.

**M. A. Hildreth**  
Lawyer  
Loan Savings Bld. - - - Fargo, N. D.

**Glassford & Lacy,**  
Attorneys at law, 4, 5, and 7 Savings & Loan Building, Fargo, N. D. Phones: N. W., 675L; Independent, 675.

**S. G. ROBERTS**  
Attorney at Law  
Henderson Blk., Fargo, N. D.

**Physicians and Surgeons.**

**DR. J. G. DILLON**  
Homeopathic Physician  
604 Front St. - - Phone 674L

**DR. E. FOLSOM**  
Physician  
620 1/2 1st Ave., No., Fargo, N. D.  
Over Perry Tynor Co's.

**F. J. CAMPBELL, M. D.**  
Practice limited to diseases of woman. Genito-Urinary and Skin diseases. Office hours: 10-12 and 3-5. Over McDonald Drug Store, Front Str. Phone 729. Front St. - - - Phone 729

**Drs SORKNESS & CARPENTER**  
Physicians and Surgeons.  
Edwards Bldg., - Fargo, N. D.

**Drs. Sand & Tronnes**  
Physician & Surgeons  
Phone 412L - 10 Broadway - Fargo

**DR. E. E. BASYE**  
Osteopath (Fargo Infirmary)  
Established since May 10th, 1897, at 101 Eighth Street South.  
Phone 853 Fargo, N. D.  
All curable disases successfully treated without drugs.

**OCCULISTS AND AURISTS.**

**Dr. F. H. Bailey**  
Dr. Kachelmacher, Norsk Læge  
Specialists  
Eye, Ear, Nose & Throat. N. D.  
Fargo, - - - - -

J. H. Rindlaub, M. D. Elizabeth Rindlaub, M. D. Martin P. Rindlaub M. D.  
**Drs. Rindlaub**  
SPECIALISTS  
Eye, Ear, Nose and Throat  
deLendrecie Block, opposite N. P. depot. Fargo, North Dakota

**Dr. J. W. Campbell**  
Successor to Dr. H. A. Beaudoux  
Specialist, Eye, Ear, Nose, Throat.  
Edwards Bldg. - - - Fargo, N. D.

**DENTISTS**

**George J. Pattison**  
Dentist  
Office 56-6: Edwards Bldg.

**Albert Hallenberg, D. D. S.**  
Dentist  
Suite 1-2-3, Morris Block. Phones, Office, 123L; residence, 123K.

**Dr. F. E. Ball** **Dr. J. L. Graves**  
**Dr. John R. Cromb**  
Dentists  
Rooms 8-12, 1st National Bank Block.  
Telephone 363-L

**Dr. E. McCarten**  
Dentist  
de Lendrecie Bld. - Phone 803L  
Fargo, - - - - - N. D.

**Dr. H. G. Green, D. D. S.**  
Over Christianson's Drug Store  
Phone 203.  
No. 10 Broadway - - - Fargo, N. D.

**DR. H. L. STARLING**  
Dentist  
Office: Room 5 De Lendrecie Bld.  
Fargo, - - - - - N. D.

**Dr. F. A. Bricker**  
Dentist  
(Successor to Frenette & Bricker)  
Telephone, office 152; Residence 1037  
10 Broadway, - - - Fargo, N. D.

**Davenport & Christianson.**  
Dentists  
Over Northern Trust Co. Phone 667  
62 Broadway, - - - Fargo, N. D.

**T. H. Sherman**  
Dentist  
Edwards Block - - - Fargo, N. D.  
Phone 1044M.

**WE ARE THE LARGEST MANUFACTURERS OF**

**Veterinary Instruments**  
In the United States

Incorporated 1904



Established 1844

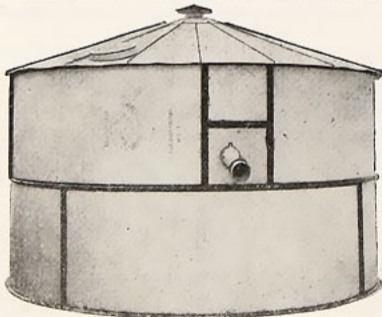
Our 250 page Illustrated Veterinary Instrument Catalogue Mailed free upon request.

**SHARP & SMITH**  
Manufacturers and Importers of High Grade Surgical and Veterinary Instruments and Hospital Supplies  
92 Wabash Avenue, 2 doors north of Washington street, Chicago, Ill.

**Galvanized Steel Portable Sectional Grain Bin**

Protected by U. S. Patent No. 830440

Manufactured by  
**North Dakota Metal Culvert Company**  
FARGO, N. D.



**Capacity and Weights**

750 Bushels	1430 lb.
1000 Bushels	1600 lb.
1250 Bushels	1940 lb.
1500 Bushels	2430 lb.

Built in Sections and shipped knocked down.  
Has a galvanized steel bottom and conical roof.  
Sections so made. that it can be very easily and quickly set up and bolted together.  
Takes a fourth class local freight rate and fifth class rate in car-load lots.  
This bin is superior to any other bin upon the market, being rain-proof, fire-proof, rust-proof, vermin-proof, durable and economical.  
Grain can be run direct from separator into bin. It can be moved around the farm by use of ordinary skids or taken down and stored when not in use.  
A liberal discount given to Hardware and Implement Dealers. Write for circulars and price list.

**North Dakota Metal Culvert Co.,**

FARGO, NORTH DAKOTA.

**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.  
S. V. Anderson.....Publisher

Entered as second-class matter September 28, 1907, at the post office at Agricultural College, N. D., under Act of Congress of March 3, 1879.

**TERMS**

One year in advance.....\$1.00  
Single copies..... .05

Subscribers are requested to give prompt notice of any non-delivery or delay of papers. All communications should be addressed to *Business Manager* "The Weekly Spectrum," Agricultural College, N. Dak.

**EDITORIAL STAFF**

Levi M. Thomas.....Editor  
W. O. Whitcomb.....Associate Editor  
S. V. Anderson.....Business Manager  
Ben Barrett.....Athletic Editor  
Ruby Gibbens.....Society Editor  
Cecelia Eyoifson.....Literary Editor  
LeRoy Gifford.....Chief Reporter  
Lars Welo.....Reporter  
Edwin Traynor.....Reporter  
Will P. Stapleton.....Reporter  
Agnes Peterson.....Reporter

**Spring Events.**

State Oratorical Contest . . . . .  
..... April 9th  
Senior Prep. Program April 16th  
Senior Ball ..... April 17th  
Stockwell Prize Debate . . . . .  
..... April 23rd  
Y. W. C. A. stages "Breezy Point" ..... April 30th  
Freshman Class Program . . . . .  
..... May 14th  
Inter-schoolastic Meet..May 15th  
Sophomore Class Program . . . . .  
..... May 22nd  
Commencement ..... June 4-8

**EDITORIAL.**

**F. H. Graduates.**

Elsewhere in this issue we are printing information about our Farm Husbandry graduates. We believe that this will be of special interest for two reasons: First because it proves that a type of education has been found which does not encourage young men to leave the farm and secondly that a large number are showing interest in advanced work and are returning for longer courses.

These young men wishing to keep in touch with their Alma Mater have organized themselves into an Alumni Association the stated purpose of which is to bind its members together in the strongest bond of fellowship, to promote and stimulate agriculture in its broadest sense; to stamp out graft in all political and social organizations; to give to every man a square deal; to encourage the growth and development of the Agricultural press; and lastly to be faithful and true to our Alma Mater.

Can any one believe that such an organization of farmers with its members so pledged will not become a power in the state and a living monument of the Agricultural College.

We are sorry to learn that no provision will be made for a woman's gymnasium in the Woman's

Building. In the past a very small number of girls have occupied half of the facilities at the Armory and utilized have of the floor space. The number has undoubtedly been small because of the inconveniences and publicity with which they have had to put up.

In spite of the fact that half of the available time in the afternoon was set aside for the girls during the past winter there was scarcely a half a dozen that availed themselves of the opportunity offered them. Had it not been for this arrangement the time and the facilities would have undoubtedly been utilized by several times that number of men. The same would be true on the part of the girls had they a gymnasium of their own.

Our athletic events, won or lost, received the most hearty support of the student the past six months. Next Friday evening occurs the state oratorical contest in which our first orator meets those of three other colleges in a contest for forensic honors. It is an event of no less importance than the greatest of the athletic events of the year and is no less deserving of our hearty support. Be there.

But nine weeks are left of the spring term. Now is a good time to begin cramming for examinations—Seniors excepted.

Spring is here and the first flock of spring poets have arrived. The Spectrum is always glad to get effusions of this nature.

Let us hope that part of the appropriations for side walks will be used in replacing the brick walk.

No man has yet been found in any walk of life who was so valuable that his place could not be filled.

**One For Our Rooters.**

"We will fill Stone's Hall on Friday evening with such cheering as it never has heard before and from our previous knowledge of A. C. rooters is will be necessary for us to get together and practice some. The above is a quotation from an editorial in the Blue and Gold referring to the State Oratorical Contest, The Blue and Gold is right. They will have to "go some" to outstrip the supporters of the Yellow and Green. We will prove that Friday evening.

I don't think I will go to church Easter morning. I went last year and sat behind a barricade of "Merry-Widows" to play peek-a-boo with the minister, but from the looks of this year's millinery creations a man in church on Easter morning would feel like a wiggling worm, and should he enter on a crowded walk as an ang-

# The North Dakota Agricultural College

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

## The College Department offers five full Courses viz:

**Pharmaceutical Chemistry,  
Mechanical Engineering,  
Civil Engineering,  
General Science,  
Agricultural.**

A Department of Education to train Teachers Has Been Organized.

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

## The Academic Department Offers:

<b>TWO YEAR PREPARATORY</b>	<b>THREE YEAR DOMESTIC SCIENCE</b>
<b>TWO YEAR STEAM ENGINEERING</b>	<b>THREE YEAR PHARMACY</b>
<b>THREE YEAR FARM HUSBANDRY</b>	<b>THREE YEAR TEACHERS'</b>

## A Complete Commercial Course

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 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.

## THE LABORATORIES

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

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

WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE

# McKinney's

Ladies wearing Apparel Exclusive

**COATS, SUITS, SKIRTS,  
WAISTS, CORSETS, GLOVES,  
HANDKERCHIEFS, HOSIERY  
AND UNDERWEAR.**

All goods fitted and Satisfaction guaranteed

140 Broadway,

Fargo, N. D.

el his wings would get so frayed from contact with the latest head-gear and his temper would get so riled he would look and feel like the devil. His soul, though saved, would at least be lost in such a maze of scenic roof gardens.

It's that originality in the "L" system of clothes that makes the Hub, Moorhead, the young men's store.

**April Fool Nickle.**

Much amusements was caused by the vain attempts of various persons to dislodge the nickle which some boy fastened to the walk leading to Francis Hall. Among the most conspicuous of the first attempts was that of the senior partner of the Book Store; he seemed very determined to have the much prized coin and made several struggles with his fingers to get it into possession. Of course,

his reason for wanting to take the mysterious coin with him was to present it to his wide circle of friends at his new boarding place.

No doubt Adolph would have rejoiced if the above party had met with more success for then he would not have broken his knife in his unsuccessful endeavor to get the wonderful nickle. The fun progressed most of the day with the result that every passerby left a little shoe leather at the fatal spot by kicking at the much prized nickle.

The little boy that had the most enjoyment was the one that went out after the people had all gone home and regained his nickle that he so bravely placed there in the morning.

Go across this afternoon and call at the "Hub" to see some real clothes.

**FOOT & PORTERFIELD**  
Druggists  
THE LEADING DRUG STORE IN NORTH DAKOTA

**SHOTWELL FLORAL CO.**  
Everything in Cut Flowers, Plants Gold Fish, etc.  
Send for Catalogue.  
Fargo, - - - N. Dak.

Isaac Anderson of last years' Commercial Class is at Lucea, N. D., where he will have the position of head cashier in the local bank.

**QUIET MEETING OF FACULTY MEMBERS**

No business of importance was transacted at the faculty meeting Friday except referring to the petition of the Athletic Association to a special committee.

**KINNEAR'S**  
The Home of  
**Good Shoes**  
60 Broadway, Fargo, N. D. 420 Broadway - - Fargo, N. D.

**VIKING HOTEL & RESTAURANT**  
Lindvig & Losness, Proprietors

**THE FIRST NATIONAL BANK**  
of Fargo  
is glad to handle small as well as large accounts.

**MERCHANTS' NATIONAL BANK OF FARGO**  
Capital and Surplus, \$125,000.00  
United States Depository  
Safety Deposit Boxes for Rent. Interest Paid on Time Deposits  
N. A. Lewis, President H. W. Gearey, Vice President  
O. G. Barnes, Vice President S. S. Lyon, Cashier

**FARGO NATIONAL BANK**  
Fargo, N. Dak.  
**UNITED STATES DEPOSITORY**  
Martin Hector, Pres. O. J. deLendrecie, Vice Pres. G. E. Nichols, Cashier.

M. A. Baldwin, Pres. F. C. Gardner, Vice Pres. W. C. McFadden, Cashier.  
**COMMERCIAL BANK OF FARGO.**  
General Banking Business Farm Loans A Speciality  
Students will be shown every possible courtesy.

**"The Saving and Loan"**  
No 11 Broadway  
**We Pay 5 Per Cent**  
Our Assets Are \$950,000 UPON SAVINGS DEPOSITS

**The Northern Trust Company**  
Capital \$100,000.00 Surplus & Reserve \$50,000.00  
Geo. H. Hollister, Pres. H. P. Beckwith, Treas. B. I. Keating Secy.  
62 Broadway, Fargo, N. Dak.

**Wheelock & Wheelock,**  
**Lands, Insurance, Loans.**  
Waldorf Block, FARGO, N. D.

**H. HARRINGTON,**  
**HARDWARE**  
Heating Stoves and Ranges  
Broadway Fargo, N. D.

**GO TO GEO. PIRIE**  
His Chocolates and Bon Bons are the best. Try his Hot Drinks and Dainty Sandwiches

**Fargo Plumbing & Heating Company,**  
Plumbing, Heating and Electrical Contractors  
No. 112 Broadway

We designed and constructed the  
**Central Vacuum Steam Heating Plant**  
heating all the buildings on the College grounds  
Write us for information on anything in our line.  
Fargo, North Dakota

**Red River Steam Laundry**  
27 9th Street North.  
Give us a Trial—Work guaranteed—if you are not satisfied let us know. See E. L. Sackett, A. C. Student Agent.  
F. H. Tilden, Prop. Fargo, N. D.

**WALKER BROS & HARDY,**  
**FANCY JOB PRINTERS**  
Programs Announcements, Etc.  
Walker Block, 1st Ave. North. FARGO, N. D.

**PERSONAL**  
Supt. Hoover was a caller on Professor Halland last Saturday morning.

Victor Monson is a welcome addition to the clarinet section of the band.

Dr. Hult visited the College and renewed old acquaintances last week Thursday.

Will Stapleton has filled the vacancy of the affirmative side in the Stockwell Debate.

A rare bird. Dr. Putnam has made a find, a base drummer that can keep time in the form of Robert Miller.

The large double B. sousaphone that Pa Phelps used to play will now be handled by Arthur Briggs.

Miss Holkesvig, '08, came in from Cavalier upon Friday of last week to enjoy a short vacation from her school work.

Parker, Darling, and Anderson are said to have joined the dancers at the pancake social. Wonder what was in those pancakes any way.

Registrar Parrott has the reports for last term completed and sent out, so the winter term is now a thing of the past.

Roy Dynes who visited his brothers at the College last month is now at the College and has registered for the spring term.

Professor White has been appointed temporary head of the Chemical Department and all students should go to him with their woes.

W. R. Porter and M. B. Johnson left Wednesday to inspect some of the demonstration farms in the northern part of the state.

Professor Arvold spent a strenuous day Saturday when he delivered addresses at Mayville and Portland.

John White left the first of this week for Bozeman Montana where he will continue his work with Birch and Sons, contractors.

Lloyd Worst left Monday morning for the west. He will stop over at Bozeman and Glendive in Montana, and then go on to Seattle where he will join a mining party enroute for Alaska.

Prof. Waldron went to Hillsboro Saturday morning to lay out the school grounds at that place in compliance with the request of ex-governor Sarles.

Professors Willard and Abbott will speak before the State Academy of Sciences at the annual meeting on May 22nd. The former will speak upon Geology and the latter upon Chemistry.

Professor Richards has recently received a request to judge draft horse at the Minnesota State Fair which is to be held the first week of next September.

Miss Bessie Rice, '08, was a pleasant visitor at the College during last week. Miss Rice reports that her school work is progressing nicely at Larimore.

Worth Lumry has quit College for the present. He is now acting as county surveyor of Sargent County in the absence of the regular official who is on a sojourn in Alaska.

Professor: "Where would you find alluvial soil?" The student made a try but didn't hit the right

**WANTED--A RIDER AGENT** IN EACH TOWN and district to ride and exhibit a sample Latest Model "Ranger" bicycle furnished by us. Our agents everywhere are making money fast. Write for full particulars and special offer at once. NO MONEY REQUIRED until you receive and approve of your bicycle. We ship to anyone, anywhere in the U. S. without a cent deposit in advance, freight, and allow TEN DAYS' FREE TRIAL during which time you may ride the bicycle and keep the bicycle ship it back to us at our expense and you will not be out one cent. **FACTORY PRICES** We furnish the highest grade bicycles it is possible to make at one small profit above actual factory cost. You save \$10.00 by buying direct of us and have the manufacturer's guarantee behind your bicycle. DO NOT BUY a bicycle or a pair of tires from anyone at any price until you receive our catalogues and learn our unheard of factory prices and special offers to rider agents. **YOU WILL BE ASTONISHED** when you receive our beautiful catalogue and study our superb models at the wonderfully low prices we can make you this year. We sell the highest grade bicycles for less money than any other factory. We are satisfied with \$1.00 profit above factory cost. **BICYCLE DEALERS**, you can sell our bicycles under your own name plate at double our price. Orders filled the day received. We do not regularly handle second hand bicycles, but usually have a number on hand taken in trade by our Chicago retail stores. These we clear out promptly at prices ranging from \$3 to \$8 or \$10. Descriptive bargain lists mailed free. **COASTER-BRAKES**, single wheels, imported roller chains and pedals, parts, repairs and equipment of all kinds at half the usual retail price.

**\$8.50 HEDGETHORN PUNCTURE-PROOF SELF-HEALING TIRES A SAMPLE PAIR TO INTRODUCE, ONLY \$4.80**  
The regular retail price of these tires is \$8.50 per pair, but to introduce we will sell you a sample pair for \$4.80 cash with order \$4.55.  
**NO MORE TROUBLE FROM PUNCTURES**  
NAILS, Tacks or Glass will not let the air out. Sixty thousand pairs sold last year. Over two hundred thousand pairs now in use.  
**DESCRIPTION:** Made in all sizes. It is lively and easy riding, very durable and lined inside with a special quality of rubber, which never becomes porous and which closes up small punctures without allowing the air to escape. We have hundreds of letters from satisfied customers stating that their tires have been pumped up once or twice in a whole season. They weigh no more than an ordinary tire, the puncture resisting qualities being given by several layers of thin, specially prepared fabric on the tread. The regular price of these tires is \$8.50 per pair, but for advertising purposes we are making a special factory price to the rider of only \$4.80 per pair. All orders shipped same day after is received. We ship C. O. D. on approval. You do not pay a cent until you have examined and found them strictly as represented. We will allow a cash discount of 5 per cent (thereby making the price \$4.55 per pair) if you send FULL CASH WITH ORDER and enclose this advertisement. We will also send one nickel plated brass hand pump. Tires to be returned at OUR expense if for any reason they are not satisfactory on examination. We are perfectly reliable and money sent to us is as safe as in a bank. If you order a pair of these tires, you will find that they will ride easier, run faster, wear better, last longer and look finer than any tire you have ever used or seen at any price. We know that you will be so well pleased that when you want a bicycle you will give us your order. We want you to send us a trial order at once, hence this remarkable tire offer.  
**IF YOU NEED TIRES** don't buy any kind at any price until you send for a pair of the special introductory price quoted above, or write for our big Tire and Sundry Catalogue which describes and quotes all makes and kinds of tires at about half the usual prices.  
**DO NOT WAIT** or a pair of tires from anyone until you know the new and wonderful offers we are making. It only costs a postal to learn everything. Write it NOW.

**J. L. MEAD CYCLE COMPANY, CHICAGO, ILL.**

S. Birch, Pres. A. Birch, Vice Pres. Fred Birch, Sec'y-Treas.  
**S. Birch & Sons Construction Company**  
Incorporated under the Laws of Utah  
Capital \$50,000  
**GENERAL AND REINFORCED CONCRETE CONSTRUCTION**  
Offices: Salt Lake City, Utah; Fargo, North Dakota.

**JONES'S**  
**Home Made Candies**  
Ice Cream, Lunches and Hot Drinks.  
230 Broadway - - - - - Fargo, N. D.

place. Prof.: "You wouldn't find it upon a bluff, would you?"  
Professor Firman Thompson, the genial chemist who left us last June to take charge of the chemical department at the Deleware station, writes that he is the father of a baby girl.

Professor Chambers has a beginning class in calculus. Its membership consists of those who have taken the subject before but are still lacking the required credit. They will cover the subject of differential calculus this term.

Mr. Morton is at present testing the value of flax straw for making alcohol. Were it found that such a thing could be done with profit it would mean a new industry for North Dakota. Mr. Morton is not enthusiastic, however.

Professor Beckwith returned to the College Saturday morning after several weeks stay at his home in New York, where he was called by the death of his father and was further detained by the illness of his mother.

Dr. Batt has organized a Sunrise German Class which meets at the unholy hour at 7:00 P. M., to study German Literature and advanced reading of poetry. The interest evidenced on the part of the three young lady members of the class by the early hour at which they are willing to meet anticipate good results.

Mr. Kulaas is at present busy in the quantitative laboratory

**THERE IS A REASON**  
for the steady increase in patronage at our Store  
**M. A. HAGEN,**  
Jeweler.  
8 Broadway - - - - - Fargo, N. D.

**DIXON**  
**Laundry**  
307 Broadway Phone 666  
**PRIDE OF DAKOTA FLOUR**  
Fargo Mill Company  
Fargo, N. D.

making a study of the action of alkali salts upon cement. The destruction of concrete constructions such as bridges, dams, etc., by alkali water is becoming a serious problem in the west and such a study may prove of practical value.

Professor Willard has received an invitation from the Minnesota School of Forestry to spend a month this summer at the Summer School of Forestry, which will be held at Itasca Park at Lake Itasca, and give a course of lectures on popular geology with relation to soils. The Professor has not accepted yet, but expects to try and arrange his work so that he may give this course.

# EXCLUSIVE OUTFITTERS TO MEN FROM the SUIT to the Shoe

## Everything that DRESSY men want to be in CORRECT STYLE

You can buy a Suit for \$20 or made to your measurement for \$35. Custom made Shirts from 2.00 to 3.50.

Come in and ask to be helped in your Easter Outfit. See Window Display.

# COLEMAN'S TOGGERY SHOP,

610, 1st Ave. North, Fargo, N. D.

### A. A. PETITIONS RAISE OF ATHLETIC FEE

Faculty are Now Considering the  
Advisably of the Plan.

### WOULD MAKE IT A DOLLAR

Manager and Board Approve —  
Would Raise Standard  
of Athletics.

At a meeting of the Athletic Association last Thursday a resolution was adopted petitioning the faculty to the increase the athletic fee of fifty cents now charged as a part of the regular fees at registration to one dollar per term. It was also proposed that the privileges of all paying this fee be extended to include not only that of attendance at athletic events but also gymnasium privileges including the use of lockers, baths, etc.

This petition was considered at the regular faculty meeting last Friday and was referred to a special committee which will report this coming Friday and the faculty will probable take final action upon the matter.

#### Receives Approval.

This action of the athletic as-

sociation has the approval of the Board of Control and the General Manager. It has been found that the fifty cent fee now charged, though it can be made to cover running expenses, this can be done only by arranging the cheapest possible schedules and in no case are funds left for local improvements.

#### To Raise Standard.

By adopting the proposed plan our athletics, it is urged, can be put upon a progressive and independent basis and at the same time it is thought that a stronger and healthier athletic spirit will be developed, due to the fact that all students will be members of the athletic association and will have access to gymnasium privileges. The baths, which are one feature of the equipment now at the disposal only of members of the athletic association is a feature which is worth more than the extra fifty cents.

#### Not Excessive.

From the standpoint of admission to games alone the charge would be trifling. Last fall the students were admitted to the football games for twelve cents and last winter to the basket ball gam-

es for six cents while in former years the regular admission for students has been fifty cents for each one of the football games and twenty five cents for each of the basket ball games.

### GRADUATE COURSE IN DOMESTIC SCIENCE

Will Be Offered Next Year—Will  
Lead to B. S. Degree.

### WILL SATISFY A DEMAND

New Course Made Possible—New  
Woman's Building.

Beginning with next year there will be offered a full graduate course in Domestic Science leading to the Degree Bachelor of Science. There has been a demand for this course for some time past, but owing to the lack of proper facilities for the teaching of the advanced work it has been impossible to do so. With the completion of the new Woman's building, however, this handicap will be eliminated.

The course is designed for graduates of high schools or those who have completed the regulary required work for admission to the College. In the past such students have taken the two year course in Domestic Science.

Miss McCarty, who has been busy for some time past on the arranging of this course, now has the work completed. The course as outlined is a liberal one, allowing for the regular work in English and two years work in some modern language and for a careful grounding in the sciences of Biology, Chemistry, and Physics, and educational subjects.

The work in Domestic Science will be a continuation of that offered in the A. and M. High School course and will be continued throughout the full four years and will consist of advanced work in dietetics, cookery, needle work, millinery and other subjects related to homemaking.

The course is outlined so as to give a liberal education, giving opportunity to the student to prepare herself for teaching, not only the domestic science but elementary class in the other sciences as well.

### BIG MASS MEETING FRIDAY MORNING

Dynes Will Lead and Dolve, Gunness, Miss May, and Darling Will Speak.

### RESERVED SEATS FOR A. C.

Everybody Turn out and Help  
Lanxon Win.

All classes will be excused Friday from 11:30 to 12 and all the faculty and students will assemble in chapel hall at the big mass meeting. Professor O. W. Dynes, who was college orator for two years, will be chairman of the meeting and call on various speakers who will help to arouse some enthusiasm for the oratorical contest Friday evening. Among the speakers who will stir up the slumbering spirits are Prof. R. M. Dolve, and Miss Emily May, former orators of the College, and Prof. C. I. Gunness, former member of the oratorical board. H. B. Darling, the best yell-leader in the northwest, will lead in some rousing college yells.

Now, everybody, that has any red blood in their veins and a spark of enthusiasm for the Old A. C., should turn out to the rally and bring some lungs and some new yells with them.

#### Bring the Girls.

Don't forget the girls when you buy your tickets for the contest. They all want to go—just see if they don't.

#### Reserved Seats.

The west side of the hall has been reserved for A. C. people, now come and fill it up.

#### YES.

Win, we must! Lanxon can't do it alone, but he can and will win if every living soul in the College turns out and lends him their enthusiasm and support. We were victorious in athletics, let's show the other institutions we can also do something in oratory.

Remember the date and be there and don't come alone, but bring some friends with you and get into the game. It will do you good!

Clothes may not make the man but they tell what brand he is and the "L" system stands for the highest grade.

Youngly: "Did you ever notice that a matrimonial process is like that of making a call? You go to adore, you ring a belle, and you give your name to a maid."

Cynicus: "Yes, and then you are taken in." —Ex.

You might just as well get that spring suit before Easter for, though the minister won't be able to see you through the jungle on Easter morning scenery, your will, and if you wear the "L" system, that will raise your standing.

## THE GLOBE CLOTHING STORE

REMOVED TO 64 BROADWAY FARGO, NORTH DAKOTA

High Grade Clothing, Furnishings, Hats  
and Shoes.