

THE NORTHWEST MONTHLY



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VOL. III CROOKSTON, MINNESOTA, AUGUST, 1919 No. 9

FLOOD CONTROL MEETING WELL ATTENDED Delegates From Seven Counties Present Definite Program Adopted

The meeting of the drainage and flood control committee of the Minnesota Red River Valley Development Association held at Thief River Falls on July 22 was well attended. Superintendent C. G. Selvig, chairman of this committee, presided. The purpose of this meeting was two-fold, first to take immediate steps to relieve settlers in the flood region, and second, to take action along the lines of securing permanent flood relief.

J. H. Hay presented the results of his survey regarding the needs. A committee appointed to formulate plans reported that \$50,000.00 should be raised at once. A special committee with J. A. Anderson of Thief River Falls has been named to secure these funds, working in cooperation with the Red Cross organizations, the farm bureaus and the Development association. State Drainage Commissioner E. V. Willard, Drainage Commissioner H. A. Hard of North Dakota, E. A. Mills of Crookston and others discussed the matter of preventing future floods. It was decided to organize a Red Lake River drainage and flood control district under Laws of 1917 and the chairman was authorized to take steps to circulate petitions to perfect this organization as well as one in the Roseau River district.

The following committees were selected by the members present and appointed by the chairman to circulate these petitions.

Roseau County: A. Wiberg, Haug, chairman; O. M. Olson, Roseau; John Bizik, Haug; J. E. Comtan, Haug; Martin Widsten, Warroad.

Red Lake County: C. C. Lake, Red Lake Falls, chairman; W. B. Torgerson, Oklee; A. P. Toupin, Oklee; W. A. Schrieter, Red Lake Falls; Frank Deymonaz, Brooks; Henry Enderle,

Plummer; Tobian Reep, Plummer; Theo. Smidesang, Wylie; George Hennings, Red Lake Falls; Noel Delorme, Jack Dregar, Walter Quesnell, W. S. Erickson and John Duffy, Red Lake Falls.

Clearwater County: Henry K. Rude, Bagley, Chairman; Andrew Johnson Gonvick; and Theo. Torgerson, Gonvick.

Marshall County: Axel Nelson, Polk chairman; P. A. Reeberg, Holt; A. C.



Stock Judging Team, 1919.

Fladeland, Grygla; Salve G. Tharaldson, Germantown; Lewis Larson, Thief River Falls.

Pennington County: Oscar J. Peterson, Hazel, chairman; R. M. Johnson Kratka; Elev Aakre, Erie; Olaf, Ramstad, Thief River Falls; A. McCormick, Thief River Falls.

Polk County: Joseph A. Dahl, Trail chairman; E. J. Tagley, Gully; E. H. Oftelie, Wanke; J. E. Morrisey, Crookston; N. J. Nelson, East Grand Forks.

It is the unanimous opinion of all present that this was one of the most important meetings ever held in the Red River Valley to consider the matter of drainage and flood control. While

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LARGE PICNIC CROWD Visiting Day and Farm Bureau Picnic Interesting Event.

The weather man favored the date selected for the annual visiting day of the Northwest School and Polk County Farm Bureau picnic. The morning dawned bright and clear and the crowd began to arrive early to enjoy a day of recreation, entertainment and inspiration. The county graduation exercises which had been set for the same day and the presence of the Board of Regents in addition to the usual attractions of visiting day and farmers' picnic added much to interest a large number of people. Fully 1,500 people were in attendance during day.

Everything had been carefully planned to accommodate the large crowd. The campus had been artistically decorated in allied flags and numerous entertainment features had been provided. The program of the day had been carefully arranged so that there was not a dull moment for young or old from the moment they arrived until the moment they left.

The program of the day was opened with the graduation exercises which took place in the grove north of Stephens Hall, which had been parked and where an outdoor auditorium had been arranged for the occasion. Superintendent N. A. Thorson presided and introduced Superintendent J. M. McConnell of the Department of Education, who gave the graduation address. Superintendent McConnell gave a very inspiring address on the educational system of Minnesota and the opportunities that it is offering the people of the state. He pointed out that the education of its people is the biggest thing that the state does both when measured by the money spent and the benefits derived. To the graduates he urged especially the importance of continuing their education, to fit them for the greater opportunities that are open to those who are specially trained and to fit them for the enlarged present day responsibilities of citizenship.

An announcement of interest in (Continued on Page Two.)

EXTENSION DEPARTMENT.

While the month of June was one of farmers' picnics, July has been one of both fairs and picnics. The extension schedule for July shows that the school furnished judges for the fairs at Hallock, Warren, Fertile and Crookston, and speakers for farmers' picnics at Strathcona, Stephen, and Grand Forks. Members of the staff also spoke at the Polk county school officers' meeting and at the meeting of the Eldred cooperative elevator company as well as at the Old Settlers' picnic of Marshall and Kittson counties.

CAMPUS EVENTS

Harold Borge of Donaldson and Oscar Carlson of Badger, returned soldiers, visited the school July 17. Both boys had seen active service. Harold Borge is a former student and gave a very interesting account of his experiences over there. When one hears of the terrific onslaughts that took place a year ago, one wonders how any of the boys escaped.

Mr. H. C. Lerum and Mr. J. O. Nyberg, members of the Cooperative Elevator Company at Eldred visited the school July 8.

Walter Peterson of Lancaster spent several days with us just before Visiting Day.

Mr. H. O. Hanson, a banker from Beltrami, visited the school July 10.

Mr. L. Houske of Halstad visited the school July 19. Mr. Houske is State Inspector for Minnesota.

Mr. and Mrs. Mons Monson of Drayton, spent Sunday, July 20, at the school. Mons graduated when the school was just being started. He tells of the time when the boys' dormitory was on the third floor of the Home Economics Building. He is now farming for himself in western Kittson county.

Mr. and Mrs. A. M. Foker are spending a part of their vacation on Norway Beach, Cass Lake.

Charles Auburg, Ole Flaas, Josie Insdahl, Oscar Gigstad, Lena Edman, Earl Johnston, Mrs. C. E. Arnold, John Hest and Clarence Cornelius visited the school recently.

DRAINAGE AND FLOOD CONTROL MEETING.

(Continued from Page One)

many ideas were presented it was felt that the wisest course would be to organize these districts. The commissions which will be appointed will then select competent engineers to go over the entire territory and present a plan which will provide the relief that is so urgently needed.

Mr. Selvig has already taken steps to secure the form to be used in this petition and will send them to the committee members. It is expected that they will be signed in a very short time. The next step will be for the district judges to receive the petitions and take such action as they consider wise.

ANNUAL VISITING DAY.

(Continued from Page One)

connection with the graduation exercises was the designation of District No. 181 as the Honor School for 1919, this school having graduated the greatest number of pupils from any one school. Neva L. Gibbons won the distinction of honor student by having attained the highest average among the five pupils who graduated from this school. She responded with a victorious recitation. Eighty were given diplomas.

At noon the assembled crowds broke up into small family groups and ate their lunch in picnic fashion in the shade of the campus trees.

Live Stock Parade.

The afternoon program was opened with a parade of the station livestock. This feature was made interesting and instructive by numerous banners borne in the parade explaining the merits of the various animals. One demonstration which attracted special attention was the load of 631 pounds of butter following the imported Guernsey cow Flurie of the Miaux to indicate her production for one year and the value of keeping good cows. The parade was led by the citizens band of Crookston which remained and also gave a musical concert that was greatly enjoyed.

Visiting Day Program.

After the band concert the people were assembled in the grove for the speaking program of the afternoon. The program was opened with a period of spirited community singing led by Miss Lucille Holliday who had come from Minneapolis to make this feature possible and to renew her extensive acquaintanceship with people of the Red River Valley. Superintendent C. G. Selvig with very appropriate remarks introduced the speakers of the afternoon. He first called upon Mr. E. G. Ecklund of Fosston, president of the Farm Bureau, who spoke on the work of that organization in the county and its possible future in view of the fact that the county board has not seen fit to make the annual appropriation for continuing the work.

Address by President of Board of Regents.

The next speaker was Hon. Fred B. Snyder, president of the Board of Regents, who in a most entertaining way introduced the various members of the board. He spoke most eloquently of the importance of agriculture to the nation and to the state and of the responsibility that the board felt in carrying out the wishes of the people of the state in their administration of the great state university and its agricultural department.

Dr. W. J. Mayo's Address.

He was followed by Dr. Wm. Mayo of the Board of Regents who gave a very interesting talk on the importance of public health. He said we must get rid of poverty for in it lies the breeding ground of the evils which tend to

destroy democracy. We must promote public health in order to increase personal efficiency and increase the average age of our people so that we may be able to do the greater amount of work that post war conditions will demand with the decreased number of laborers that will result when we properly restrict immigration as we should to keep out undesirables.

Dean Thatcher Discusses Farm Bureau

Dean R. W. Thatcher in his characteristically bright manner spoke of the importance of good farming. He said that in driving through the county and viewing the condition of the fields one might think that a barbed wire fence by some peculiar charm made the difference between the quality of the crops on the different sides of it but he emphasized the fact that the difference is due entirely to the characteristics of the farmers on the two sides of the fence. He urged that farmers of Polk county keep up the farm bureau organization even though the county board might not vote usual financial support and expressed his great regret that Polk county should be the first in the state to withdraw its public support of this important movement for rural advancement.

President Burton Stirs Crowd.

President Burton gave the principal address of the afternoon and the enthusiastic applause with which he greeted on his appearance gave evidence of the high popular esteem that he enjoys among the people of the Red River Valley. In general he spoke of the importance of public education and in particular of the importance of Americanism in the light of present day conditions and future prospects. He said the experience of the war taught us, that our people must enter with their whole heart "get into citizenship or get out of the country."

Experimental Plots Inspected.

After the speaking program inspection tours were organized to view experimental plots. Visiting farmers in great numbers were escorted through the farm under the guidance of the station men who pointed out the plan of the various experiments explained the results. This was a very practical feature of the day program and was highly appreciated by the farmers who took advantage of the opportunity to see practical demonstrations of various methods dealing with a great variety of Red River Valley farm problems.

Program of Sports.

The program of sports opened with a game of baseball played by pick all star teams of farmers and businessmen. That it was a very interesting game is only partially indicated by the score 5 to 0, the business men winning by a narrow margin. The baseball game was followed by a great number of contests of strength, speed, and skill including wheelbarrow, potato sack races.

The day was a great success and all who attended felt well repaid for their time.

STUDENT LIFE AT NORTHWEST SCHOOL

Not All Joy-Killing

Happy Combination of Work and Play

JULY SCHOOL EVENTS.

Visits and Visitors.

All present and former students are familiar with the social events of the year and know that a good time is provided for all the students throughout the school year. New students who are planning to attend the Northwest School of Agriculture this fall will find the following brief information interesting and will be assured that there are many pleasant events held each month.

The Y. W. and Y. M. C. A. reception to new students is the first on the list. It is given at the beginning of the year for the purpose of having the students become acquainted. Everybody is supposed to know everybody else at the school after this event.

The Outdoor Festival, celebrated in the latter part of October or first part of November, capitalizes our fine autumn weather for a jolly good time out of doors. A marshmallow roast is a feature. Then "fall in line" for sandwiches and other things to eat. Games and contests fill out the evening.

Halloween is always celebrated with a costume party with decorations, amusements, and refreshments in keeping with the day. The ghost walk is never to be forgotten by those who have passed through the hidden mysteries of this event.

Thanksgiving is the school's big community day. All the students and other people of the campus have a family dinner together at noon. Neighbors and friends from the town and country come for the program in the afternoon stay for lunch and join in the social good time of the evening.

The Inter-class Song contest and get-together dinner is the last big social function before the Christmas holiday. Many Carusos make their first appearance in public and noted directors take charge of choruses for the first time. A silver cup is awarded the winning class.

The Farmers' and Womens' week with the special attractions of the Farm Crops Show and Live Stock Exhibit has come to be the great Home Coming week of the school, when parents, former students, and alumni visit the school. The Alumni Banquet is held at this time.

The Faculty lay aside their dignity once during the year when they give their annual program. The Swede-Irish negro quartette makes its only appearance at this time.

Commencement week has come to be an interesting event for students, graduates, alumni, and friends of the school. The inter-class field meet, the

music department recital, the super-inter-class debate, the Get-together dinner, the reception, the class play, Inner together with the usual formal events of graduation make a very full week.

There are still other events which take place during the year. Every Saturday evening there are either moving pictures, basketball, or social games in the gymnasium. On Monday evenings, programs by the various classes are given.

By the time the student has entered into all these activities he will agree that for good, wholesome enjoyment there is no place like the Northwest School of Agriculture.

SCHOLARSHIPS

Inquiries are continually coming in from prospective students asking if there are any means whereby work may be secured to meet a part of the expenses. There is always a certain amount of work that is done by students and each year a few students avail themselves of such opportunities. It is not always the best way to meet the expenses as it takes time from study. The best way is to work for

"If country life is to become all that it should be, if the career of a farmer is to rank with any other career in the country, the farmer must take advantage of all that agricultural knowledge has to offer."—Theodore Roosevelt.

"No other occupation opens so wide a field for the profitable and agreeable combination of labor with cultivated thought, as agriculture."—Abraham Lincoln.

"Upon the farmers of this country, therefore, on large measures, rests the fate of the nations."—President Wilson.

the scholarships that are offered each year. These scholarships are from \$5 to \$125.00 and are outlined on pages 11 and 12 of the school catalog. There is also a student loan fund whereby students may borrow the necessary money at a low rate of interest, paying it back during the summer time. Inasmuch as the summer vacation consists of six months this can be easily done. A movement is also on foot among farmers' clubs to furnish loan funds to students and some clubs are even contemplating paying all the expenses of some student from their community.

For the boy or girl who really and sincerely wishes to secure an education, there is always a way provided. The fact that one does not have much

money should never keep one from attending school. Other boys and girls have gone through school, depending on themselves for funds, and so can you if you have the right stuff in you. The expenses at Crookston are very small and no student can afford to permit the question of money to stand in the way of their education.

MUSIC

Don't let that old baritone, cornet, alto, piccolo, flute, trombone get rusty during the summer. Keep at it, practice and then practice some more because there's going to be keen competition for the various parts in the Aggie band this year. Two hands will be maintained, one for those who have played and one for beginners. There has not been enough talent for an orchestra for the last two years but a number of students are coming this fall who play stringed instruments. We will therefore have an orchestra again for our enjoyment. Glee clubs for boys and girls will of course be organized. Miss Peterson has had great success with operettas, so we will have one as usual. Remember that opportunity is given for private lessons of all kinds at a moderate charge.

There has not been much music in the boys' dormitories since the time of Bernard Moses, Oscar and Thorval Tunheim and Helge Krogseng. A boy from Red Lake Falls will enroll this fall who plays the piano. We'll gather around the Senior Hall or Stephens Hall piano again as we used to do when there were boys who played for us.

ATHLETICS AND PHYSICAL TRAINING

The school attempts to aid all the students in building strong, healthy bodies. Regular classes are held for the development of the body and correction of any defects. The gymnasium is well equipped with apparatus which makes this gym work interesting and helpful. New equipment is being ordered for this coming year. The gymnasium will be used evenings by girls and boys scheduled for different evenings. Regular classes are maintained in military tactics. The government provides rifles and other equipment for carrying on this work. This year it is expected that a regular army officer will have charge of drill. He will also be physical director. Kiehle building is well provided with shower baths and each dormitory has either bath or shower bath or both.

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THE NORTHWEST MONTHLY

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THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE

C. G. SELVIG, Superintendent

OFFICE
Northwest Experiment Station,
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A monthly publication in the interest of
agricultural education and home training for
Northwestern Minnesota.



RED RIVER VALLEY SPIRIT.

It is often that, when misfortune comes, the children are the permanent sufferers. The family, having lost most of their property, cannot maintain the home on the basis they had planned. Under such circumstances it often appears impossible to provide the education for the children that the parents earnestly desire.

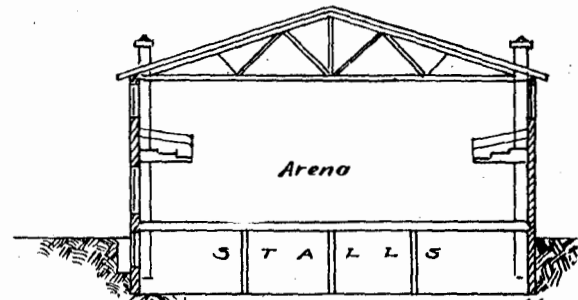
While certain sections of the Red River Valley have suffered loss through floods, a certain incident may help those who are more fortunate to appreciate their advantages. A farmer living in the flooded area said, recently: "We have lost almost everything. I do not know what we will do. We may have a little hay but I guess we will have to go out and work, but I AM GOING TO SEND MY CHILDREN BACK TO SCHOOL IF IT TAKES THE LAST DOLLAR I HAVE. THEY ARE GOING TO RECEIVE THE OPPORTUNITIES OF AN EDUCATION WHICH I WAS NOT ABLE TO RECEIVE."

Where can we find an example of a better spirit than this? What an expression of high mindedness in the face of disaster. It is such determination that is sure to win for it shows the type of men and women we have in the Red River Valley.

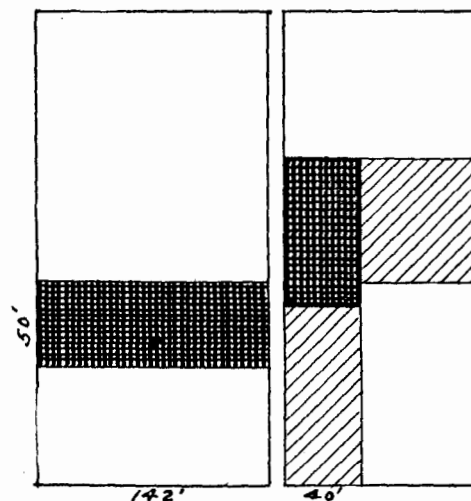
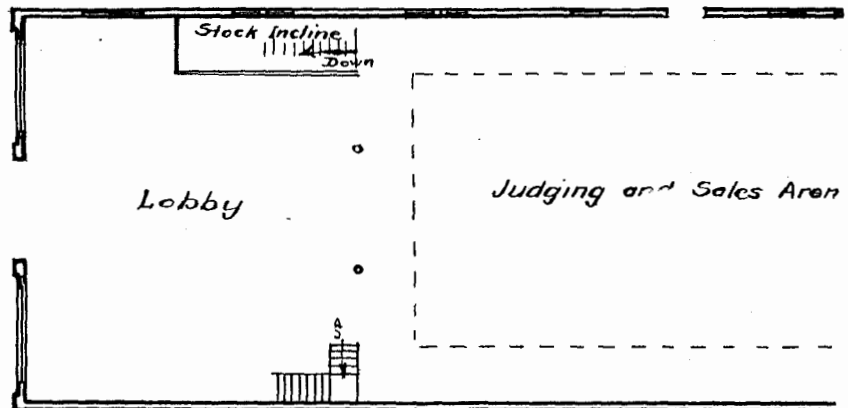
This father and mother, sacrifice as they must, will reap the greatest reward that parents can have, the feeling that the best has been done that is possible. Imagine the gratitude of such children as they grow older and more fully appreciate the efforts of mother and father. How much more they will revere the memories of such parents. It isn't the number of acres or sums of money that is left the children that will count. It is rather the opportunities that parents made possible for a life of service and appreciation of life's values that will be the real contribution.

RED RIVER VALLEY LIVE STOCK & AND PROPOSED ADDITIONS

Dr.



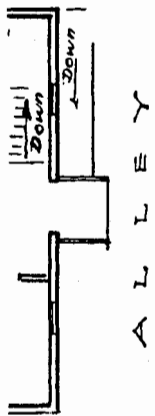
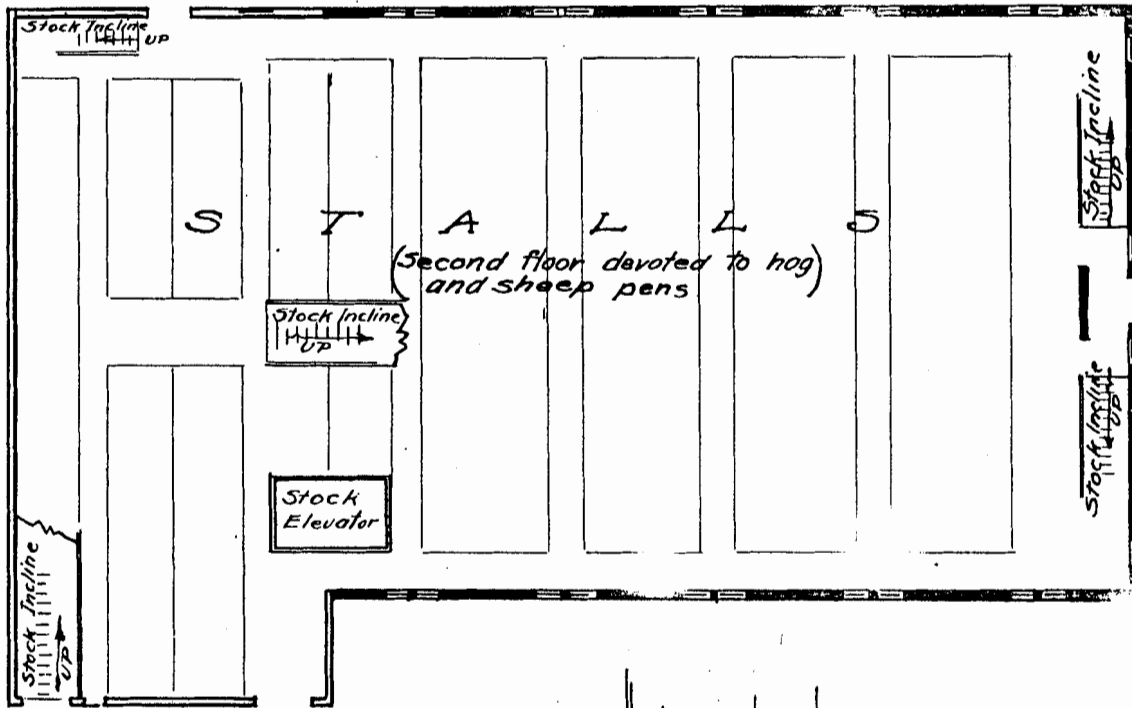
Cross section of Judging and Sales Pen showing balconies and stalls



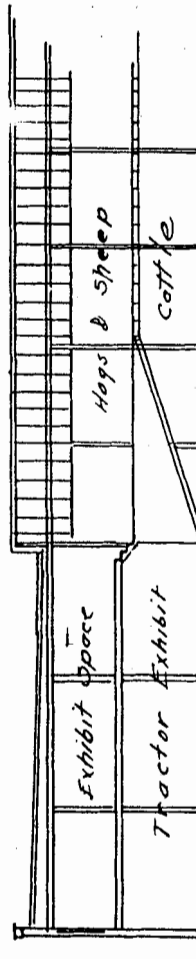
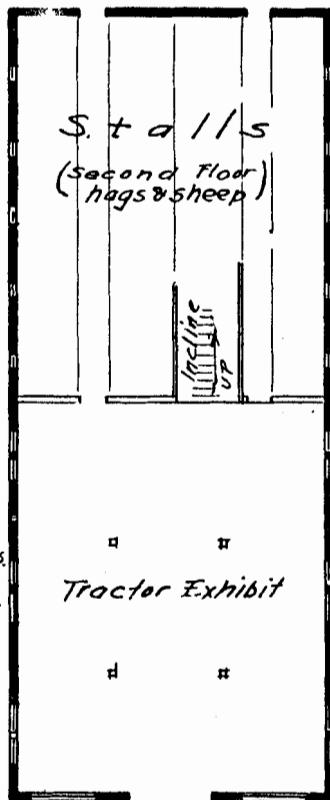
PROPOSED ADDITIONS T

Show and sales quarters too small. Energy is interested. Added land and building

N.W.S.A.
present bldgs.
posed bldgs.



black
present
posed build.



Longitudinal section of proposed addition

RED RIVER VALLEY LIVE STOCK PAVILION

be made to raise funds for increased space needed. All Red River Val-
000. Don't wait. Subscribe for the shares you are going to take NOW.

KITTSON COUNTY TOUR A REVELATION

County Agent Longley in Charge
Professor Gousseff Tells the Story

KITTSON COUNTY TOUR REVEALS SALIENT FARM PRACTICES

The automobile tour over Kittson county in the interests of better farming as conducted by W. V. Longley, county agent, on July 19-20 was a revelation not only to the people of Kittson county, who were in the tour, but to representatives of the farm press and others not so intimately acquainted with the county. The outstanding feature of the tour was the fact that Kittson county is going into a balanced system of farming, rather than the one-crop system, just as fast as conditions permit. The twenty-six farms visited were not selected as outstanding farms or as show farms but were selected to demonstrate the essential factors entering into the different systems of farming as practiced in Kittson county.

Diversified Farming Practiced.

The first farm visited was the P. M. Cameron farm in Hallock township. The owner of this farm believes that, in order to get the most out of a Red River Valley farm, he must not only raise crops, raise them well, and cut down the number of weeds, but he must also have some good live stock to supplement the grain crop. Together with the good fields of grain was found a barn which is considered one of the best type barns in the Northwest in which to house the live stock. The barn is equipped with a good silo, ventilation and well improved throughout. The farm has an electric system which not only furnishes light, but motor power as well to run the milking machine, pump, fanning mill, separator, and other small devices.

Silos Make Good.

On the Gustav Carlson farm in Hallock township, the silo plays an important part. In speaking of his concrete stave silo, Mr. Carlson made the statement that "it is the best building on the farm and it is the only one that will pay for itself in a short time." On this farm the boys take a prominent part in the operations. Teddy has had calves in the calf contest and this year his two-year-old heifer was the winner at the fair. Alfred, the other brother, when not attending the Northwest School of Agriculture, is busy keeping records on the cows, cutting alfalfa, and looking after a plot of Newmarket oats which he obtained from the Northwest School for a pure seed plot.

Corn Looking Fine.

On the A. L. Janes farm managed by J. A. Ross, a splendid stand of corn was found and according to Mr. Ross,

it is possible to raise very good corn even as far north as Kittson county. To supplement this corn crop, Mr. Ross has a good herd of market swine and is very particular to keep records on the same. From three sows and twenty-five spring pigs, a record was kept of the amount of grain consumed and the profit. During the period from December 8 to May 24 it was found that his herd of swine consumed 4,536 pounds of grain costing \$76.23. One pound of gain was made for each 5.2 pounds of grain and it was figured that the profit on the herd up to that time was \$180.53.

Good Fruit Crop.

A large garden with various kinds of fruit such as raspberries, currants and gooseberries, plays a prominent part on the Charles Younggren farm in Hill township. Anyone doubting that fruit can be grown in this section of the state should visit this farm and see the splendid results that are being attained. Potatoes also play a prominent part and this year there are 18 acres of potatoes which have been selected and treated.

The root cellar on the farm holds 6,000 bushels.

New Variety of Wheat Given Trial.

The John Lohr farm, formerly known as the Hill farm, impresses one with its bigness. Everything on this farm is done on a large scale. Mr. Lohr is trying out a new variety of wheat known as Kitchener wheat, of which he has seeded down 78 acres. A good many of the farmers in this county are watching this field very carefully to see what the result will be.

Sheep Versus Sow Thistle.

In St. Vincent township, the W. E. Ford farm was visited. Mr. Ford is a great believer in sheep. Mr. Ford maintains that the sheep keep down sow thistle and that he expects to make the sow thistle a minor project because of the good the sheep have done in keeping them down.

Progressive Co-operator.

The next farm visited was that of Mr. William Ash. Mr. Ash is first vice president of the farm bureau, is on the advisory committee of the Red River Valley Live Stock Association, and is a prominent booster and co-operator in anything for the advancement of farm interests. While he is busy on a good many outside interests, he has time to look after his farm and is building up a very good herd of Scotch Shorthorns. He also finds time for the boys to attend the Northwest School of Agriculture, one of them being a graduate, and the other boy, Carl, is busy feeding a calf for the

state calf show which will be held at St. Paul.

Family Co-operation.

In Richardville township, the John R. Alexander farm was visited. Here is a farm equipped not only to handle crops but live stock as well. Twenty years ago Mr. Alexander bought this farm and since that time has built up one of the most desirable farms in that section, as well as a herd of cattle, sheep and swine. Just recently he imported four Scotch Shorthorn heifers from Canada. These heifers, together with his herd bull, Lancaster, first at the fair this summer, make a foundation herd hard to beat. Every member of the family has a prominent part in the running of the farm. Mrs. Alexander can give the exact records of income from the cows. John, Jr., is busy raising a lamb for the state contest, besides looking after live stock chores, and Edith showed a pig at the Kittson county fair and took a prominent part in the boys' and girls' judging contest held at that time. The success of this farm is due to the whole-hearted cooperation of all of the members of the family.

Farm Bureau Booster.

Mr. Ludwig Peterson, whose farm is located in Poppleton township, is a very enthusiastic booster for anything that is for the betterment of farm or community. He has been an active booster for farm bureau work for the last five years and very much of the interest in this work around Lancaster is due to his untiring effort. He is also a member of the Red River Valley Live Stock Association and thinks enough of this association that he has given his daughter, Maude, some shares of stock in this prominent enterprise. Mr. Peterson realizes that the one-crop system will eventually fail and has practiced the rotation of crops for the past eighteen years. In the year 1914 he husked 900 bushels of good corn and has a hollow clay block silo on his farm. He was the first man to put up a silo on an average sized farm in Kittson county.

Provides Swine Shelter.

Mr. Pete Steen is one of the active swine growers of the county and believes that nothing is too good for a hog. He keeps records on the cost of production. He provides an alfalfa pasture, also has self-feeders and self-waterers. He also provides an oiler for his Yorkshire pigs and by so doing has had no trouble with sun-scalding or scurf. Shade is also provided for the hogs in order that they may be protected from the hot sun.

Pure Bred Sire Great Influence.

In Thompson township on the Alfred Carlson farm a fine herd of Guernsey cows is being developed. The cows are not only of excellent type but are fine producers. No better illustration can be found on any farm of the value in selecting good sires. Mr. Carlson bought an outstanding sire of prominent blood lines as well as a good individual and the result is that he has built up a very productive herd. Alfalfa is raised on this farm to feed the cows.

Good Hereford Herd.

On the Joseph Rydeen farm in Thompson township a good herd of Herefords is kept. Mr. Rydeen is interested in the production of beef and has chosen the Hereford as his breed to produce meat. He has a good many pure bred and has recently bought a young yearling sire which should have considerable influence on his herd. This animal should be fitted, developed and shown in leading northwestern Minnesota fairs, for he is worthy of such consideration.

Pays to Buy Good Ones.

The William Sugden farm in Hallock township is a striking example of what may be done when the right kind of foundation stock is bought to develop a herd. Mr. Sugden is keenly interested in developing and building up a recognized herd of Holstein cattle. At the head of his herd he has a double grandson of Sir Pieterje Mercedes Ormsby and out of a 34 pound ram. He also has one granddaughter of this famous sire and by fall will have three calves sired by the 42 pound Marathon Bess Burk. He also has two granddaughters of the sire that sold for \$65,000.00 recently. He now has about twenty head of pure reds from a start about four years ago with three head. Last year he sold fifteen head to Senator Hackney of St. Paul, who has the largest federal credited herd in the United States. Mr. Sugden believes in feeding silage the year around and having plenty of alfalfa pasture for the cows. If there is anybody who wants to know it is best to buy good pure bred and whether or not there is anything of the business he will do well by calling on Mr. Sugden and getting his opinion on the same.

Many Modern Homes.

The Hagen Mortenson farm in Svea township contains a neat set of buildings all equipped with electric light and a home modern throughout. One of the impressive features of this trip was the fact that wherever there was a happy combination of alfalfa, silos, livestock and good crops there was also a good home.

Well Equipped Horse Barn.

The Hagen farm contained a very up-to-date horse barn which was of much interest to the visitors and a good many of the visitors received pointers on the building of box stalls

and stalls for horses. A noticeable feature of the barn was the ventilation and sunlight which the barn afforded.

Tractor Expert.

Skane township can boast of one farmer who has the business pretty well in hand. That is Mr. John Dahl. Mr. Dahl uses tractors to quite an extent in his farming operations and seems to have mastered them pretty well.

Sells Out to Boys.

As the touring party arrived at the Hans Lindberg farm in Svea township remarks were made that the boys were running the place. On further inquiry it was found that Mr. Lindberg had sold the place to the boys and has turned the entire running of the farm over to them.

County Commissioner Good Farmer.

Mr. Andrew Hanson of Tein township has not only time to earn for himself the reputation of being a good farmer by having built up a desirable farm in one of the best townships in Kittson county but he also has time to serve the people of his district as county commissioner. It was a common remark of those present to say, "Here is a good farmer."

Hard On Weeds.

As the party drove up to the Manuel Engelbrektson farm a fine field of corn was noted. It was not only a good stand of corn but had all of the indications of maturing before the frost. Mr. Engelbrektson has a place for his corn in a good sized silo. This farmer is a sworn enemy to weeds and has earned the name of being hard on weeds. The farm shows it and the neighbors recognize it.

Drayton Memorial Park.

From Tein township the party drove to the Drayton Memorial Park. This is a beautiful grove of elm and ash trees located on the banks of the Red river just across from the town of Drayton. This park is to be equipped with a band stand and other improvements and is a memorial to the soldiers from that community who lost their lives for their country, in France.

Lunch was served here and the Drayton Commercial Club furnished coffee and lemonade. A short program was held after lunch at which time W. H. Johnson, president of the farm bureau presided. Remarks were made by W. V. Longley, county agent of Kittson county; Mrs. Mary E. Bigelow, associate editor of the "Farm Stock & Home;" George C. Kelly, editor of the Northwest Farmstead; and W. V. Gousseff of the Northwest School of Agriculture. An invitation given by the members of the Commercial Club of Drayton, to drive through the town of Drayton, was accepted.

President of Farm Bureau.

One of the first farms to be visited in the township on the return trip was that of W. H. Johnson, president

of the farm bureau, and also president of the Kittson county fair. This river farm, has a modern, modern barn and pure bred shorthorns. This is just the kind of place you would expect a good live man like Mr. Johnson to have.

Red River Community Hall.

"Red River Farmers' Club Alfalfa Boosters," is the slogan that greets you as you enter the doors of the Red River Community Hall. This hall was built by popular subscription and the club has a membership of 100. The citizens of Kennedy and Donaldson cooperated with the farmers in making it possible to put up this complete hall which has a kitchen, opera chairs, stage and piano. On the walls of this building may be found a liberty loan flag for the township, indicating that this township went over the top whenever it was necessary to provide money for the support of the government. There is also a service flag on the walls indicating that there were fifteen members of this club in the service, including the only two nurses from the township, one of whom made the supreme sacrifice.

The president of this club is Victor Holmquist, a very enthusiastic, progressive farmer, who is alive to the spirit of community development and the necessity of town and country working together if a community would be developed to its highest degree.

Alfalfa Enthusiast.

Nine years ago Mr. A. W. Anderson started out with a small plot of alfalfa. Since that time he has made such a success with alfalfa that he has won many premiums not only with the fields but for samples that he has taken to shows. In 1918 he pastured ten cows on seven acres besides cutting off ten loads of hay. When you consider that one ton of alfalfa is equal to one ton of bran and that in 1918 bran sold for as high as \$40 a ton you can readily see what ten acres are producing. He also has alfalfa plots for his hogs and has a beautiful twenty acre field which he uses for hay. Can you blame him for being enthusiastic about alfalfa.

Prefers Horses to Tractors.

When asked if he used a tractor, Mr. Peter Lindahl immediately spoke up and said, "I do not need a tractor with the horses I have." He farms nine hundred acres and has as fine a set of work horses as can be found on any farm. It was obvious at once they did not need a tractor. The horses that he had were capable of taking care of nine hundred acres to such an extent that the farm is in very good condition and there was also time for two of the boys to spend their winters at the Northwest School of Agriculture. Mr. Lindahl is also developing a herd of Shorthorn cattle. Clyde horses and Shorthorn cattle should make a very good combination and it is certainly working out on this farm.

1919 RED RIVER AGGIE.

The publication of the school annual has been greatly delayed this year by an unfortunate shortage of skilled labor in the printing establishment that undertook this job, begun almost three months ago. It is quite certain, however, that before another issue of The Northwest Monthly, the book will be in the hands of the subscribers who have waited anxiously for its appearance.

Readers will be repaid for the delay by the excellence of the book. Many interesting and unique features make it one of the best annuals published by the school.

It is dedicated to "The Boys Who Died in Service," and gives as full an account as it was possible to secure of our boys' part in the great war. One feature in this connection that is especially interesting, is the large collection of extracts of letters from the boys while over there. The colored plates of the school service flag and Red Cross flag are beautiful bits of lithography and give character to this part of the book. The long honor roll is a source of patriotic pride to every "Aggie" who has ever been a part of the good old N. W. S. A. The write-ups are especially good and reflect the school atmosphere. It is a souvenir of school life that will be greatly prized by students and alumni.

The class of 1919 in its annual has scored a distinct achievement which is creditable not only for its excellence, but for the fact that it was accomplished against many handicaps. In the first place the class was small, having been reduced in numbers by the call of service and then the time was short, the school year having been reduced by the influenza epidemic. Much credit is due the untiring efforts and administrative ability of A. H. Larson, the class advisor. His humor is reflected in many of the write-ups and originality in the arrangement and content of the book. The fact that the balance is on the right side of the ledger is also a credit to his ability as a financier.

The art work by Harold Grandy, '15, even excels the high standard that he has set in former annuals and is an evidence of his developing ability along the line of his talents and chosen

calling. A number of plates including senior panel and mounts for the pictures of the Faculty wives and children were contributed by A. M. Foker of the school faculty.

Much credit is due Mr. H. H. Chertman for the excellence of the photographic work. The pictures are especially good this year.

SCHOOL ACTIVITIES

(Continued from Page Three)

If the weather permits, a football team will be organized the first day of school. Two years ago there was a very interesting football season. Many who had never seen the game before learned the rudiments of this great American game.

Of course, basketball has been and always will be the major sport at the school. Teams are organized early in the year. Class teams compete for the school championship. This year girls teams will be organized. Opportunity is given all students to try out for the first team or any of the others for which they are eligible.

In addition, there is hand ball, volley ball, indoor baseball and when the new dining is completed there will be bowling.

A strong healthy body is a wonderful asset, and the school attempts to do the best it can to help the students along this line. Each year a thorough medical examination is given every student in school without any expense to the student.

KILL THE SOW THISTLE.

Late summer plowing followed by fallowing until the ground freezes will destroy enough of the sow thistle to make such work highly profitable. A thorough bare fallow during the period of harvesting and threshing if done on the weediest fields will do more good than any amount of cultivation in the spring for early seeded crops. The fall fallow should be followed by early spring plowing and fallow until the crop is seeded. On a badly infested field the later sown crops only should be seeded.

The disc should be used after plowing but after a free working surface is obtained the spring tooth harrow or the duck foot cultivator should be used. The duckfoot or sweep type of shovel has proved very effective in

sow thistle eradication for this shovel not only cuts clean but lifts the severed roots up into the dust mulch where they are killed by the sun and wind.

KEEN DEMAND FOR LIVESTOCK

Calls are coming in every day asking where some good pure bred breeding stock may be purchased. The demand seems to be much greater than the supply and is coming from every section in the Valley. Just how much credit can be given to the Red River Valley Winter Show for this demand is hard to estimate, but those who are in close touch with the situation are willing to concede that the winter show is responsible for at least seventy-five per cent of the great demand for good stock at the present time. There are two reasons for this. One is because the show demonstrated that good stock can be raised in the Valley and the second is that it was demonstrated at the sale that people are willing to pay good prices for the right kind of stock.

KITTSON COUNTY TOUR

(Continued from Page Seven)

Good Horses.

On the William Lillequist farm many good horses were found. Evidently several years ago there were some very good Clyde stallions in this section for the type of horses found in this community are beyond the ordinary, having lots of size and scale and quality, all of which are necessary to produce the maximum amount of work required of horses.

Beautiful Farm Grove.

Mr. George Lindgren is not only satisfied with raising pure bred Short-horns and Chester White swine but he believes in having a good farm yard as well. Surrounding the house on two sides is a fine grove beautifully kept which not only provides shelter in the winter but protects against the warm winds in the summer and provides shade.

Modern Holstein Farm.

The last stop was made on Senator B. E. Sundberg's farm. Here was found a large herd of Holstein cattle and the entire farm gives one the impression that Mr. Sundberg is very much interested in Holsteins and is a very enthusiastic booster for any livestock that will help maintain the soil fertility of Kittson county farms.

COUNTY AGRICULTURAL AGENTS

Northwestern Minnesota District

W. E. MORRIS, District Leader

H. A. Nelson, Detroit
A. C. O'Banion, Moorhead
E. H. Martin, Bagley
W. V. Longley, Hallock
Victor Dryden, Mahnomen
John Huseby, Warren
Henry P. Brandt, Ada

Becker
Clay
Clearwater
Kittson
Mahnomen
Marshall
Norinan

C. M. Kelehan, Fergus Falls
J. J. McCann, Thief River Falls
R. H. Van Scoik, Crookston
C. C. Lake, Red Lake Falls
Oscar M. Olson, Roseau
L. S. Stallings, Breckenridge

Ottertail
Pennington
Polk
Red Lake
Roseau
Wilkin