

THE NORTHWEST MONTHLY



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VOL. IV CROOKSTON, MINNESOTA, FEBRUARY 1920 No. 3

ALL RECORDS BROKEN AT NORTHWEST SCHOOL.

Fifty-Three Per Cent Increase In Enrollment.

The enrollment is the largest in the history of the school. There are 299 students at present. Eighty-seven entered after Christmas. Among those who entered after Christmas are former students who are entering the Junior and Senior classes. Out of the 299 enrolled, 229 are boys and 70 are girls. All the dormitories are crowded and students are living three in a room. This situation will be somewhat remedied next year when Stephen Hall is remodelled so as to furnish additional students rooms. However, even that arrangement will prove insufficient as there will only be room for about 250 students, living two in each room. There is no question but additional dormitories will soon be necessary if the Northwest School of Agriculture is to render just service to the farming interests of the Red River Valley.

The distribution of students by counties is very interesting and is as follows:

Total number enrolled 299
Enrollment by Counties:

Polk	75
Marshall	16
Norman	31
Kittson	27
Roseau	27
Pennington	26
Clearwater	22
Red Lake	9
Becker	5
Beltrami	4
Ottertail	4
St. Louis	4
Hennepin	3
Clay	2
Mahnomen	2
Wright	1
Ramsey	1
Traverse	1
Cook Co., Illinois	1
North Dakota	6
Montana	2
Boys enrolled	229
Girls enrolled	70
Total	299

Alumni Attention! Annual Meeting, Friday, the 13th

The annual Alumni re-union will take place on the closing day of the Northwest School Farmers week, February 13, 1920.

Business meeting 4 p. m., sharp at

meeting and bring others.

Everything possible to make the occasion pleasant and worth while is being done. Come and share it with us.

CARL A. BERG,
Secretary.

IN ORDER THAT THE COMMITTEE ON ARRANGEMENTS FOR THE ALUMNI BANQUET MAY KNOW EXACTLY HOW MANY PEOPLE WILL BE PRESENT, ALL WHO PLAN TO COME SHOULD NOTIFY CARL A. BERG, SECRETARY. HIS ADDRESS WILL BE: GEN. DEL. CROOKSTON, MINNESOTA.

GRANDY DESIGNS FINE POSTER.

The beautiful five color poster which is used this year in announcing the Northwest School Farmers' Week and Red River Valley Winter Shows was designed by Mr. Harold H. Grady '15 N. W. S. A. It represents a grain farming scene with a clear blue sky in contrast with the dark background of the entire poster. It is one of the most effective designs along poster designs that it has been our pleasure to see for many a day. Mr. Grady deserves congratulations for the splendid poster.



President Marion LeRoy Burton

PRESIDENT BURTON RESIGNS

the assembly room, city hall. You are urged to attend. Important matters relative to the future of the association will be discussed.

Banquet with program will be held at the Crookston Association of Public Affairs rooms at 6 p. m., sharp. Dancing follows with music by a six piece orchestra.

We want this organization to become a live wire of the northwest. We want live wire members and real live communities. Let us get together—and boost for a wide awake organization. Come to the business

The people of Northwestern Minnesota learned with regret that President Marion LeRoy Burton has resigned from the University presidency to assume the presidency of the University of Michigan. During his visits to Red River Valley points Dr. Burton has made hosts of friends who hold him in highest esteem. All agree that the University loses a leader who already has accomplished great things and who would have carried on the work of upholding the University and the state in a magnificent manner.

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Northwest School Farmers' Week AND Red River Valley Winter Shows

PROGRAM

Northwest School Farmers' Week

Monday, February 9

Morning

Judging live stock in live stock pavilion.

Agricultural Schools' stock judging competition with teams from the Central School, St. Paul; West Central School, Morris; and Northwest School, Crookston.

Students' stock judging competition with teams from the Senior, Junior and Freshman classes of the Northwest School in another class.

High School stock, corn and potato judging contest.

Farmers' club stock judging contest.

Afternoon

Meeting of Sheep Breeders, 2:00 p. m., in live stock pavilion with Frank Kleinheinz, O. M. Olson and Arthur Marsden as speakers.

Music, Northwest School of Agriculture Band, A. C. Howe, director.

Announcement of Farm Crops Show awards.

Announcement of winners in live stock competitions.

Announcement of winners in live stock judging contests.

EVENING PROGRAM

Armory

W. V. Gousseff, Presiding.

7:30 Music—Crookston Municipal Band, A. C. Howe, director.

8:00 Music—Crookston High School Chorus, Ruth Cliff, director.

8:15 Presentation of Minnesota Live Stock Breeders' Association Silver Trophy to winning stock team in University Agricultural Schools' Contest, Secretary W. A. McKerrow.

8:30 Address—Hon Duncan Marshall, Minister of Agriculture, Alberta, Canada.

PROGRAM

Northwest School Farmers' Week

Tuesday, February 10

Agronomy and Farm Management—Armory

9:00 Corn and Corn Selections for Northern Minnesota—R. R. Smith

9:45 Field Peas and their Place in a Rotation—O. M. Olson

10:30 Soy Beans as a Cattle Feed—A. C. Arny.

11:15 Covered Smut and Black Rust on Wheat—E. C. Stakman

1:30 Improvement of Northern Minnesota Pastures—O. I. Bergh

2:30 How to Succeed with Clover and Alfalfa—P. E. Miller

Legume Hays as a Cattle Feed—A. C. Arny.

Live Stock and Dairy Husbandry—Live Stock Pavilion

9:00 Meeting of Sheep Growers

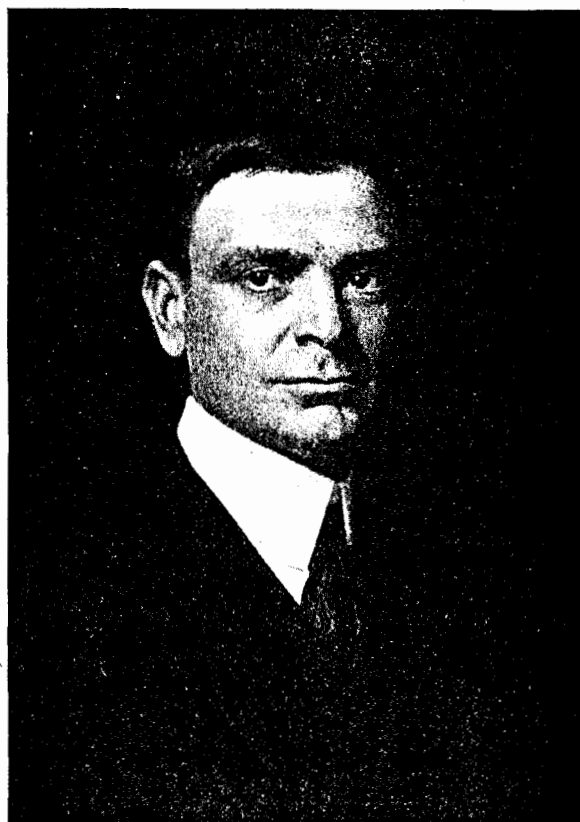
9:00 Meeting of Chester White Breeders

9:30 Address—Hon. Duncan Marshall

10:30 Chester White Sale—

1:30 Swine Problems—W. H. Peters, H. A. Derenthal
M. W. Munger, F. A. Green

- 2:30 Sheep Problems—W. A. McKerrow, Frank Kleinheinz
Tractor School—Armory.
- 9:00 Construction, Operation, and Care of Stationary Gasoline and Kerosene Engines—M. Peck.
- 10:00 Names and Functions of Principal Parts of Farm Tractors—C. A. Berg
- 11:00 Discussion and Inspection of Tractor Exhibits
General Session
- 3:45 Music—Northwest School Board, A. C. Howe, director
- 4:00 Progress of the Barberry Campaign—E. C. Stakman
St. Paul
- 5:00 Business Meeting of Red River Valley Live Stock Association—Live Stock Pavilion



Dr. George E. Vincent

Evening Session

G. H. Sanberg, Presiding.

- 7:30 Music—Crookston High School Orchestra, Cecil Wind, director.
- 7:45 Music—Crookston High School Chorus, Ruth Cliff, director.
- 8:00 Sixth annual high school declamatory contest. There will be five contestants in the final contest. Names and selections will be announced later. Decision of Judges in Declamatory Contest. Awarding of honors to the winners of these contests.

PROGRAM

Northwest School Farmers' Week
Wednesday, February 11

Horticultural Section—Armory

- 9:00 Root Crops for stock—T. M. McCall
- 10:00 Strawberries and other Small Fruits for the Farmers—Jos. Ball
- 11:00 The Most Profitable Acre on the Farm, the Garden—T. M. McCall
- 1:30 Grasshoppers, Army Worms and Cutworms—T. M. McCall
- 2:30 Windbreaks and Free Trees for Co-operative Windbreak Planting—W. H. Kenety
- Planning a Windbreak—T. M. McCall
- Live Stock and Dairy Husbandary—Live Stock Pavilion.**
- 9:00 Meeting of Holstein Breeders—Bertram Scott, D. D. Aitkin, Wm. Sugden, T. H. Skrei, J. D. Bacon
- 9:30 Dairy Judging Demonstrations—W. A. McKerrow.
- 10:30 Holstein Sale



Duncan Marshall,

- 1:30 Dairy Management Problems—W. A. McKerrow, L. Jensen, L. Houske
- 2:00 The Live Stock Outlook—Dr. C. W. Gay.
- 2:40 Diseases of Cattle—Tuberculosis and Abortion, Dr. C. P. Fitch.
- Poultry Husbandry—Armory.**
- 9:00 The Value of Artificial Light in Winter Egg Production—Prof. G. R. Graves.
- 10:00 Common Diseases of Poultry and How to Recognize Them—Dr. C. P. Fitch.
- 11:00 Importance of Fattening Poultry for Market—F. C. Miller and C. E. Brown.
- Tractor School—Armory.**
- 9:00 Points to Consider in Selecting a Farm Tractor—C. A. Berg

- 11:00 Fuel, Lubrication and Cooling Systems and Care of Same—M. Peck
- 11:00 Discussion and Inspection of Tractor Exhibits
General Session.
- 3:30 Music, Northwest School of Agriculture Band, A. C. Howe, director.
- 3:45 The Value of Experimental Work, Dean R. W. Thatcher.
- 4:30 The State Road Program, Hon. P. H. McGarry.
Evening Session
A. D. Stephens, Presiding.
- 7:30 Music, Crookston Municipal Band, A. C. Howe, director
- 8:00 Community Singing, Miss Holliday, song organizer for Community Service, Minneapolis.
- 8:20 Music—Northwest School Mixed Chorus, Louise Pedersen, leader.
- 8:30 Address—Hon. N. J. Holmberg, State Commissioner of Agriculture.
Music
Address—The New Social Consciousness, Mrs. Peter Oleson, Cloquet.

PROGRAM

Northwest School Farmers' Week
Thursday, February 12

Horticultural Section—Armory

- 9:00 Potato Varieties (Demonstration)—A. W. Aamodt
Potato Selecting Seed Stocks
- 10:00 Potato tuber diseases, their identification and treatment—(Demonstration)—A. G. Tolaas, T. M. McCull
- 11:00 Potato Spraying and spray mixtures—T. M. McCall
Potato Grading—H. J. Hughes, State Department of Agriculture
- 1:30 Potato Seed certification law in operation, A. G. Tolaas
- 2:00 Problems confronting the local shipping association
P. K. Luhmen, Beltrami
- 2:30 Meeting of Red River Valley Potato Growers Ass'n.
- 3:00 Sugar Beet production
- Live Stock and Dairy Husbandary—Live Stock Pavilion.**
- 9:00 Meeting of Duroc Jersey Breeders—C. W. Gay, F. A. Green, Frank Hedley
- 9:00 Parasitic Diseases of Animals with Special Reference to Diseases of Sheep—Dr. C. P. Fitch.
- 10:00 Live Stock Standards, Dr. C. W. Gay.
- 10:30 Hog Cholera and Other Infections of Swine—Dr. C. P. Fitch.
- 11:00 Shropshire Sale.
- 1:00 Duroc Jersey sale.
Tractor School—Armory
- 9:00 How Magnetos Work and How to Care for Them—M. Peck
- 10:00 Construction and Care of Carburetors—C. A. Berg
- 11:00 Tractor Demonstrations by Northwest School of Agriculture Students
General Session
- 3:45 Music—Northwest School Band, A. C. Howe, director.
- 4:00 Address—Dr. C. W. Gay.
- 4:30 A Central Marketing Exchange for Potatoes, H. J. Hughes.
Evening Session
S. M. Sivertson, Presiding.
- 7:30 Music—Crookston 100 Piece Band, A. C. Howe, Director.
- 8:00 Community Singing—Miss Holliday, song organizer for Community Service, Minneapolis.
- 8:20 Music—Crookston High School Chorus, Ruth Cliff, director.
- 8:30 Rural Health and Happiness, Dr. George E. Vincent.

MEETINGS - FIVE

Northwest School Farmers' Week

Monday, February 9, to

SPEAKERS

Evening Programs

MONDAY - Hon. Duncan Marshall

TUESDAY - Declamatory Contest

WEDNESDAY - Hon. N. J. Holmberg

THURSDAY - Dr. Geo. E. Vincent

FRIDAY - Pres. Marion L. Burton

Enrollment Fee \$1.50 for the E
For further information, address, C

DAYS - WINTER SHOWS

Red River Valley

Friday, February 13, 1920

Events Of The Week

On **Monday, February 9**, judging beef cattle, dairy cattle and baby beef in pavilion; judging sheep and swine on second floor in new annex to pavilion; live stock judging contests for University Farm School students, farmers' clubs and high schools in pavilion; corn and potato judging competition and awarding grain, corn and potato premiums; industrial exhibit in armory and second floor of pavilion; tractors and autos in Crookston Motor Company's garage; afternoon meeting of sheep breeders; **Moving Pictures in Basement of Armory Every day**; sale of fat cattle and hogs in pavilion and **Address by Hon. Duncan Marshall in evening at Armory.**

On **Tuesday, February 10**, Chester White and Sheep Breeders' meeting at 9:00; farm crops and farm management, live stock and tractor school programs in morning with **Duncan Marshall's address at 9:30**; Chester White sale at 10:30; live stock topics—sheep and swine and women's section in afternoon; barberry campaign at 4:00; meeting of Red River Valley Live Stock Association at 5:00; declamatory contest and **Live Stock Parade** in evening. Live Stock, farm crops, industrial, tractor and auto displays every day. Music at all sessions.

On **Wednesday, February 11**, horticultural live stock and tractor school programs in morning and women's section, live stock and poultry in afternoon; **Meeting of Holstein Breeders** at 9:00 and **Holstein Sale** at 10:30; **Addresses by Dean Tatcher and Senator McGarry** at 3:45; annual banquet of Red River Valley Stock Association at Elks' club, 6:30; Hon. N. J. Holmberg and Mrs. Peter Olesen in evening. **Community Singing** and **Special Music**. Moving pictures in basement of Armory every day—educational films.

On **Thursday, February 12**, horticultural, live stock and tractor school programs in morning and potato growers' meeting in afternoon; **Meeting of Duroc-Jersey Breeders** at 9:00; **Shropshire Ewe Sale** 10:30 a. m., **Duroc Jersey Sale** at 1:00; addresses by Dr. C. W. Gay and H. J. Hughes at 4:00; meeting of Red River Valley Development Association at Crookston Association rooms at 5:00; **Address by Dr. Vincent in Evening**. Community singing and special music. Live stock, farm crops, industrial, tractor and auto displays every day.

On **Friday, February 13**, farm crops and farm management topics, live stock and tractor school programs in morning and live stock and weed control conference in afternoon; **Meeting of Shorthorn Breeders** at 9:00 and **Shorthorn Sale** at 10:30; **Address on Farm Credit** by **E. G. Quamme**, president Federal Farm Loan Bank, St. Paul, at 3:45 followed by Red River Valley rural school spelling contest; **President Burton in Evening**. Community singing and special music. Moving pictures in armory. Live stock, farm crops and industrial exhibits.

MUSIC Miss Holliday will lead **Community singing** the last three days. **Crookston Municipal Band** on Monday and Wednesday; **100 Piece Band** on Thursday and Friday; **High School Orchestra** on Wednesday; **Northwest School of Agriculture Band** every afternoon.

PROGRAMS FOR WOMEN Every morning and afternoon at Presbyterian Church. **High Cost of Living** is the theme. You are certain to gain some benefit from these meetings.

RED RIVER VALLEY WINTER SHOWS Have arrived. The biggest winter exposition in the state. Growing too. Help them along.

AMPLE ACCOMMODATIONS WILL BE PROVIDED FOR ALL at Headquarters Office Armory.

You are cordially invited to come.

ire Week. Daily Admissions \$.50

G. Selvig, Chm., Crookston, Minnesota

PROGRAM

Northwest School Farmers' Week
Friday, February 13

- Agronomy and Farm Management—Armory**
 10:00 Farm Drainage Problems—T. M. McCall.
 10:00 Annual Hay Crops for the Red River Valley—A. D. Wilson
 1:00 Figuring the Income Tax—Major R. A. Rossberg
 1:30 Farm Rotations That Win—A. D. Wilson.
 2:30 Fighting the Sow Thistle—General Discussion.
 A—With Stock
 B—On the Small Grain Farm
 C—Reports of Methods Used
Live Stock and Dairy Husbandary—Live Stock Pavilion.
 9:00 Meeting of Short Horn Breeders—C. O. Carlson, M. E. Dahl, B. W. Aylor
 9:30 Beef Stock Judging Demonstration—W. E. Morris
 10:30 Short Horn Sale
Tractor School—Armory
 9:00 Care and Operation of Farm Tractors—M. Peck
 10:00 Questions on Tractors and Automobiles Answered—M. Peck, S. Rishovd, C. A. Berg
 1:00 Questions on Tractors and Automobiles Answered—M. Peck, S. Rishovd, C. A. Berg
General Session
 3:30 Music—Northwest School Band, A. C. Howe, Director
 3:45 The Federal Farm Loan Bank, E. G. Quamme, test.
 4:30 Seventh Red River Valley Rural School Spelling Contest—Evening Session
 C. G. Selvig, Presiding.
 7:30 Music—Crookston 100 Piece Band, A. C. Howe, director.
 8:00 Music—Community Singing, Miss Holliday, song organizer for Community Service, Minneapolis.
 8:20 Music, Northwest School Boys' Chorus, Louise Pedersen, director.
 8:30 What Must The Schools Do, President M. L. Burton.

Women's Meetings

Monday, February 9.

The morning sessions beginning Tuesday, February 10, and continuing through Friday, February 13, will be devoted to practical work according to the following schedule:

- Tuesday—Hat Clinic, Miss Katherine Ingebrand.
 Wednesday—Hat Clinic, Miss Katherine Ingebrand.
 Thursday—Home Art Suggestions, Mrs. T. R. Sewall
 Friday—Home Art Suggestions, Mrs. T. R. Sewall.

All women are requested to meet the Committee during the afternoon of Monday, February 9, to confer regarding materials needed during the forenoon sessions. All sessions will be held in the Presbyterian Church.

Armory

- 7:30—8:15 Music—Crookston Municipal Band, Crookston High School Chorus.
 8:15—8:30 Awarding—Stock Judging Contest Trophy, W. A. McKerrow.
 8:30— Address—Hon. Duncan Marshall, Alberta.

Tuesday, February 10.

- 9:30—11:30 Hat Clinic, Miss Katharine Ingebrand
 1:45— 2:00 Music.
 2:00— 2:30 How Can We Combat High Cost of Living, Mrs. T. R. Sewall.
 2:30— 2:45 Music
 2:45— 3:15 The Dairyman's Position in Relation to High

- Cost of Living, W. A. McKerrow.
 3:15— 3:45 Demonstration—A Scrap of Ribbon or Two, Miss Katharine Ingebrand.
Armory
 3:45— 4:00 Music, Northwest School of Agriculture Band.
 4:00— 4:45 The Fight Against the Barberry, Dr. E. C. Stakman.
 7:30— 8:00 Music—Crookston High School Orchestra and Chorus.
 8:00— Red River Valley High School Declamatory Contest.

Wednesday, February 11.

- 8:30—11:30 Hat Clinic, Miss Katharine Ingebrand.
 1:30— 1:45 Music
 1:45— 2:15 Some Factors Involved in High Cost of Living, Dean R. W. Thatcher.
 2:15— 2:45 Demonstration—A bit of Straw and a Bead or Two, Miss Katharine Ingebrand.
 2:45— 3:00 Music
 3:00— 3:30 The State's Part in Solving the High Cost of Living Problem, N. J. Holmberg, Commissioner of Agriculture.
Armory
 3:30— 3:45 Music—Northwest School of Agriculture Band.
 3:45— 4:30 The Value of Experimental Work, Dean R. W. Thatcher.
 4:30— 5:00 The State Road Program, Hon. P. H. McGarry.
 7:30— 8:30 Music—Crookston Municipal Band, Community Singing, N. W. School Chorus.
 8:30— Address—Hon. N. J. Holmberg.
 Address—Mrs. Peter Olesen.

Thursday, February 12.

- 9:30—11:30 Home Art Suggestions, Mrs. T. R. Sewall.
 1:45— 2:00 Music
 2:00— 2:30 The Physical Environment, Health and Recreation, Miss Grace B. Sherwood.
 2:30— 3:00 Demonstration—Care Spells Saving, Mrs. R. R. Smith and Hazel Rockwood.
 3:00—3:15 Music—Northwest School Girls' Glee Club.
 3:15— 3:45 Address, Dr. George E. Vincent.
Armory
 3:45— 4:00 Music, Northwest School of Agriculture Band
 4:00—4:30 Address, Dr. C. W. Gay.
 4:30— 5:00 Address, H. J. Hughes
 7:30— 8:30 Music—Crookston Combined Bands, Community Singing, Crookston High School Chorus.
 8:30— Rural Health and Happiness, Dr. George E. Vincent.

Friday, February 13.

- 9:30—11:30 Home Art Suggestions, Mrs. T. R. Sewall.
 1:45— 2:00 Music.
 2:00— 2:20 Character Building Influences, Miss Grace B. Sherwood.
 2:20— 2:45 Community Needs, Mrs. Marion LeRoy Burton.
 2:45— 3:00 Music.
 3:00— 3:30 Address—A. D. Wilson.

Armory

- 3:30— 3:45 Music—Northwest School of Agriculture Band.
 3:45— 4:30 Address, E. G. Quamme.
 4:30— 5:00 Rural School Spelling Contest
 7:30— 8:30 Music—Crookston Combined Bands, Community Singing, N. W. School Boys' Chorus.
 8:30— What Must the Schools Do, President Marion LeRoy Burton.

Live Stock Men Attention!

No greater opportunity has ever been offered you to buy selected pure bred, disease-free stock than at the Red River Valley Winter Show.

Crookston, Feb. 9-13, 1920

SHORTHORN CATTLE, Friday, Feb. 13 .

Bulls, ready for service. Well built, bred right and the kind that will make more beef in your herd. 25 selected from leading herds. Heifers and cows, bred to outstanding bulls. A choice selection of forty females.

HOLSTEIN CATTLE, Wednesday, February 11.

Twenty-five bulls of serviceable age, including sons of the \$65,000 bull. A number of grandsons of the famous Schroeder bull, Sir Pietertje Ormsby Mercedes. Good type, and color and from high producing dams.

Forty-five heifers and cows safe in calf to outstanding bulls from cows with records as high as 39 lbs., butter in seven days and 1176 lbs. butter in 365 days.

DUROC JERSEY SWINE, Thursday, Feb. 12.

Eighty-five bred sows and gilts bred to Champion boars. This sale includes the prize winners at the North and South Dakota State Fairs.

CHESTER WHITE SWINE, Tuesday, February 10.

Forty head of the best Chester White sows and gilts in the Valley go into this sale. Every sow bought will be a good buy.

POLAND CHINA SWINE, Tuesday Feb. 10.

A choice selection of 25 outstanding Poland Chinas will be offered.

SHROPSHIRE SHEEP, Thursday, Feb. 12.

A limited number of bred ewes will be sold on Thursday morning at 11 o'clock.

OTHER BREEDS.

Opportunity is given exhibitors to sell at private treaty, where not enough consigners ask for special sales.

CONSIGNERS GUARANTEE ALL STOCK, HEALTH AND REGISTRATION CERTIFICATES.

OUTSTANDING STOCK SOLD AT YOUR PRICE.

Send for special catalogs stating breed you are interested in.

Secretary W. V. Gousseff,
Crookston, Minn.

THE NORTHWEST MONTHLY

Issued Monthly by
THE UNIVERSITY OF MINNESOTA
NORTHWEST SCHOOL OF
AGRICULTURE
C. G. SELVIG, Superintendent

OFFICE
Northwest Experiment Station,
Crookston, Minnesota

A monthly publication in the interest of
agricultural education and home training for
Northwestern Minnesota.



BOYS' AND GIRLS' CLUB WORK

One phase of Extension work on which a great deal of emphasis will be placed the coming year is Boys and Girls' Club Work. While some excellent work has been done along the line of Junior Extension work in certain sections of the Red River Valley the past two or three years, the work has not been as general as it promises to be this year. Club Leaders, County Agents, Superintendents and others are now busy getting their clubs organized and enrolling boys and girls for the several projects. Dairy Calf, Baby Beef, Sheep and Pig are very popular as live stock projects with both boys and girls. In many schools the girls are taking up the Bread Making, Garment Making and Canning projects. In a number of counties the Potato project will be pushed harder than ever before.

JUNIOR LIVE STOCK SHOW

Plans are being made for a Red River Valley Junior Live Stock show to be held in Crookston next November the week preceding the State Junior Show at South St. Paul. This will include the Dairy Calf, Baby Beef, Pig and Sheep Projects, and the best animals in each project—two in the Dairy, four in the Baby Beef three in the Sheep, and one in the pig, will be selected and sent to the state show. The boys and girls who own these animals will receive a free trip to the State show where they will exhibit in competition with the boys and girls from every county in the state. Club Leaders and county agents are now busy organizing and enrolling members for these projects as the number of counties that may compete are limited by the State Live Stock Breeders' association to fifteen counties in the Dairy project thirty in the Baby Beef, and fifteen in the sheep.

Assistance in organizing and developing Club Work will be given by addressing A. J. Kittleson, Club Leader, Northwest School of Agriculture, Crookston, Minnesota,

1919 Farm Bureau Work in

Marshall and Polk Counties

Work in Marshall County, 1919.

CROP DEVELOPMENT: The farm bureau aided in distribution and exchange of seed grains through seed grain lists, including 14,735 bushels small grains, 3,600 lbs., grass seeds, 2,425, bushels potatoes, and 175 bushels seed corn.

The smut campaign was carried to every farmer in the county through local papers and personal letters. Facts and figures were given as to actual losses to farmers in the county due to smut as were directions for treating with the result that every dealer reported from 200 to 400 per cent increase in the sale of formaldehyde.

LIVESTOCK DEVELOPMENT: The farm bureau aided in the selection and purchase of purebred livestock shipped into the county and saved \$300 on a car of breeding ewes for some farmers. 433 live stock items were carried on the exchange lists 73 of these being eligible for registry. Practically all were kept in the county due to this work.

The movement to have purebred breeders test their herds under the accredited plan was begun with eleven purebred breeders co-operating and over 400 animals tuberculin tested. Maternal aid was given in checking the spread of hog cholera in the

SOIL IMPROVEMENT WORK: Together with the assistant county agent six demonstration plots were carried on county.

peat soils to demonstrate the value of fertilizers. Also eighteen co-operators had plots throughout the peat areas so as to get the information before all people.

FLOOD RELIEF: The county agent was placed in charge of a \$4,000 Red Cross fund and later of a \$20,000 Marshall county fund to be distributed to flood sufferers. Very reliable records were first obtained regarding all parties as to financial standing and possible incomes. 12,000 bushels oats, 3,000 bushels corn, 200 bushels potatoes and \$7,000 worth of clothing and family aid were distributed. Aid has been given the representative of the state in making his apportionment of state aid amounting to more than \$40,000. This apportionment has been made in accordance with the records kept in the Farm Bureau office which were previously used in distributing funds.

In putting this work across 540 farm visits have been made. 312 parties have called at the office, 540 parties have called the office by phone, 1,299 personal letters have been written, 8,000 circular letters were sent out, 184 miles were traveled by team, 5,363 miles by rail and 7,000 miles by auto.

JOHN HUSBY,
County Agent.

POLK COUNTY FARM BUREAU

Owing to the farm bureau campaign against the smut tax in Polk county—amounting to about \$200,000.00 in 1918—there were approximately 147,000 additional acres of grain treated in 1919 over 1918. This estimate is based on the fact that in 1919 there were 8132 pounds of formaldehyde sold as against 2026 pounds in 1918.

Sixty-seven co-operates in the county worked with the farm bureau for better seed improvement. Through the mediums of 32 meetings, publicity articles, etc., there were at least 9,000 additional acres of potatoes treated with corrosive sublimate in 1919 over 1918. Estimate is based on the sale of 879 pounds corrosive sublimate in 1919 as against 78½ pounds in 1918.

Seven potato warehouses and shipping associations were organized in direct co-operation with the farm bureau.

Through personal work, publicity articles and through a large number of meetings we can conservatively estimate an increase of ten thousand acres of clover, alfalfa and sweet clover in the county during 1919.

The farm bureau secured 1250 western breeding ewes for our Valley farmers. On these sheep alone we saved our farmer at least one dollar per head, if each one had had to go out and buy for himself. 66 head registered live stock of all kinds were brought in or exchanged in the county; three livestock shipping associations were organized. In cooperation with the creameries of the county 450 cows were tested for milk production.

Seven potato warehouses and shipping Associations were organized. Three live stock shipping associations and one co-operative elevator were organized. Assistance was rendered to all other co-operative enterprises in the county whenever requested. Fairs, crop shows, Red River Valley Live Stock Association, etc., were all given assistance.

In the past two years the farm bureau has been of great help to our farmers during the labor shortage. We not only helped them to secure labor at fair prices but we did actually place 1500 farm laborers on Polk county farms in the past two years.

Assistance was rendered farmers in securing pure seed, in testing seed and in treating seed. Through our efforts many farmers were saved the misfortune of purchasing seeds with a poor germination or with foul weed seed in them.

L. M. BOND,
County Agent.

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