

THE NORTHWEST MONTHLY

Published Monthly by the Northwest School of Agriculture of the University of Minnesota, Crookston. Entered as second class matter December 2, 1916, at the Post Office at Crookston, Minnesota, under the Act of August 24, 1912.

VOL. II.

CROOKSTON, MINNESOTA, OCTOBER, 1918

No. 11

NEW SCHOOL POSTERS ARE OUT.

The beautiful posters announcing the courses at the Northwest School of Agriculture have been received, and are now being sent to all communities in Northwestern Minnesota. The poster is beautiful both in design and coloring. The leading motif is the part that the Agricultural School students, both boys and girls, play in feeding the world. A stalwart young man with a fork over his shoulder stands near a field looking at the city in the distance. By his side is a young woman carrying a basket of food. They contemplate seriously the task that is laid upon food producers to keep the people of the world alive.

In the poster the Northwest School is designated as "A School of Service" which is its aim. The art work was done by Mr. B. C. Robertson of Minneapolis, who is an intimate friend of Harold H. Grandy, the Northwest School's artist alumnus.

Those of the alumni and former students who have not seen a copy of the poster may secure one by writing to the school.

NORTHWEST SCHOOL GIRLS AT STATE FAIR.

Fifteen of the N. W. S. A. girls considered themselves fortunate indeed when they were selected to take advantage of an offer of a free trip to the great 1918 Minnesota state fair. The girls assisted at the farm boys' camp, a camp accommodating nearly one hundred fifty boys from farms scattered throughout the entire state. This gave the girls an opportunity to live on the fair grounds and to see the fair much more completely than would have been possible in any other way. If one were to inquire of them which feature was the most interesting he would, no doubt, receive as many different replies as there were number of girls questioned. However, they all agreed that to see the aeroplanes and their feats and to see the Allied war exhibit was well worth the time and effort spent. As this was the first visit to the Twin Cities for most of the girls, they were interested in taking excursion trips to the various points of interest. Minnehaha Falls, the University campus, University Farm, Como Park, the department stores, and the State Capitol were among the places visited. There is no doubt but that the trip was a great educational benefit, and one which those fortunate enough to have been permitted to have enjoyed will not soon forget. The girls, who made up the party, were: the Misses Luella Torske, Borup; Louise Edman, Alvarado; Elvira Hendrickson, Alvarado; Frances Useldinger, Euclid; Laura Jensen, Drayton, North

Dakota; Dora Temple, Roseau; Amanda Ecklund, Hallock; Amy Malakowski, Lockhart; Esther Malakowski, Lockhart; Thelma Kella, East Grand Forks; Olga Spjut, Strathcona; Leah Stuart, Hallock; Ruby Knudson, Goodridge; Vivian Lundberg, Kennedy; and Rachel Ulvin, Wannaska; and Miss Hazel Rockwood, chaperon.

LIVE STOCK INSTRUCTOR APPOINTED.

Professor W. V. Gousseff spent September 19 at the Northwest School of Agriculture interviewing Superintendent Selvig regarding the live stock position at the school. He is very much taken up with the opportunity for live stock work offered in the Red River Valley in connection with the school, the Northwest Experiment Station and the various organizations of live stock men that are actively promoting that industry. He has accepted the position to begin October 1. Mr. Gousseff was formerly employed as county agent in Steele county located at Owatonna. Before that he was formerly agricultural instructor in the Owatonna high school. He is a graduate of the Animal Husbandry course at Iowa State College, Ames, with the class of 1914, and comes well prepared for his work at Crookston. He is highly recommended by those with whom he has been placed in contact.

NORMAL TRAINING GIRLS BEGIN WORK.

The work in the normal training department began September 10. The following students are enrolled in the class: Alma Bakken, Erskine; Martha Bauer, Ada; Elba Buhn, Mentor; Louise Horn, Ada; Velura Kinnan, Crookston; Gerda Kulle, Alvarado; Florence Lindsfors, Fosston; Cora Lindfors, Fosston; Ruth Solem, Thief River Falls; Luella Torske, Borup; Olga Tunheim, Newfolden; and Adelia Westphalen, Laurel, Nebraska.

On account of the large enrollment it has been found necessary to move this department to the large north room on the first floor of the Home Economics building. This is one of the pleasantest rooms on the campus, and the members of the class are delighted with their commodious and delightful quarters.

Amy and Esther Malakowski spent a few hours on the campus on their way home from the state fair. They reported a very delightful time at the fair.

Josie Imsdahl spent Friday night, September 13, at Robertson Hall. She left Saturday morning for Roseau county, where she will teach this year.

STUDENTS TAKE INTEREST IN PROPOSED LIVE STOCK BUILDING.

A circular letter was sent out to the former students and graduates of the Northwest School, calling to their attention the proposed movement to construct a permanent live stock pavilion at Crookston. The alumni and former students are asked to become shareholders in that building and to interest their neighbors in the undertaking. It is a Red River Valley movement which deserves the support of every person interested. It is hoped before the next issue of the Northwest Monthly there will have been a liberal response to this suggestion. The names of the students who become share holders will be published in a later issue of the Northwest Monthly.

Up to the present time 20 shares (\$200) have been subscribed. It is urged that all help make the live stock pavilion a reality. Send your subscription blank in at once before you forget.

MILITARY TRAINING FOR BOYS AT THE NORTHWEST SCHOOL.

Military training similar to that offered before at the Agricultural Schools will be given at the Northwest School of Agriculture this year. Plans for this are being worked out by Superintendent Selvig who conferred with President Burton and Dean Thatcher regarding the matter recently. The persons engaged in the agricultural industry under the new draft, according to the published announcement from Washington, will be treated in the same way as under the first draft. This means that necessary agricultural labor will be exempt from military service.

PERSONALS.

Edwin Quam has a fine plot of alfalfa. He is one of the boys working away from home during vacation to earn money to take him to school. His employer, Mr. Hushagen, was very glad to give him ground for his practicum, and has become interested in the crop through this demonstration. Edwin has also been boosting for education and will bring four friends with him to enter school this fall.

Morris DeVore, Herbert Remick, Otto Grambo, Clayton Walker and Elmer Hoven are among our potato growers that have been visited recently. All have fine plots that promise good yields.

Henry Olson, Erskine, has a valuable summer practicum in a fine field of flax. Part of it is in peat land. Various methods of treatment are being employed offering opportunity for very valuable observations.

BUY FOURTH LIBERTY BONDS!

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.

WILLARD JOHNSTON RECEIVES COMMISSION.

Lieutenant Willard J. Johnston of Camp MacArthur, Texas, received his commission shortly after returning to Camp Dodge following his furlough when he visited the Northwest School. He is in command of Company M, and has 250 men to look after. It was quite a jump from sergeant to company commander and involves a great deal of work and responsibility, but he writes that he likes it very well and is getting some very good experience.

He had a very pleasant surprise last month when Lieutenant Harold H. Schuck dropped in on him. Lieutenant Schuck could not stay very long, as he was leaving in about an hour for Call Field, Wichita Falls, Texas. They had been in camp together for two weeks, but it was not until the Northwest Monthly carried information regarding Lieutenant Schuck's whereabouts that this was effected. Willard's photograph taken in the uniform of officer is on Superintendent Selvig's desk. It is hoped soon to receive photographs from the more than ninety boys who are in the army and navy. This will be interesting evidence of the service rendered by the representatives of the school.

Under date of September 16 Superintendent Selvig was advised that Willard received his commission as first lieutenant. He is still in command of the company, and is getting along just fine, although he is very anxious to get over to France, or the next best which is to get into a regular division.

LIEUTENANT H. SCHUCK VISITS NORTHWEST SCHOOL.

Lieutenant Harold Schuck, while here on a brief furlough, called on friends on the campus early in September. For some time he has been stationed at Call Field, Wichita, Texas, and has returned there to finish his training. He has been flying for two months and says it is "great sport." He is most enthusiastic over his work, and told in a very interesting way of his life in camp and of experiences in connection with his training. He is anxious to get to France where he can, as he expresses it, "play the real game."

News From Our Boys in France

Sergeant Herbert B. Anderson writes from France on August 17. "Again the Northwest Monthly finds me in the front line. Since I wrote to you last, I have been in another battle, the greatest yet, and still I am here almost unscratched. I don't quite understand how it ever happened. All I know is that I am here.

"I wish now that I had studied more about cooking when at school. I would advise all boys to learn more about it because if they ever come here and are on the firing line, they would find it mighty handy to be able to cook.

"When we got a hurry-up call to stop the Huns from going to Paris, we were rushed so that rations could not catch us for a few days. Well, the first day's fighting was so hard that we forgot all about eating, but after driving the Huns back a little we dug ourselves in for a little rest, and then we cooked our meals on candles.

"By the way, it is wonderful how a man can work to dig a hole for himself when machine guns are spouting at him and shells bursting around him. In this big scrap I had lost my shovel in a previous engagement, but I still had a bayonet and a tin hat and even tho the ground was hard, in less than half an hour I had a hole large enough to conceal myself from the enemy. I never noticed the blisters even until a week later. * * * * Now the golden harvest is in its glory here and the typical pictures, the Gleaners and the Harvsters become realistic. * * * * My good wishes are with the school for a successful new school year."

* * *

Ray Stow, Somewhere in France. "I am getting along finely. France is truly a beautiful country, but every day I realize how much more beautiful is the dear United States. I am in excellent health and have as yet to have my first day under the weather."

* * *

Roy Sundberg in France. "I am in Lamont, France, with a small detachment cutting, hauling and piling timber. This country is somewhat behind the United States in that they do things on a small scale and in a backward way. Nearly all the people around here wear wooden shoes. The women do all the work as the men are all at the front.

"A great deal of fruit is raised here, but I guess they raise more in the southern part. The people drink wine. They don't know what water tastes like. Well, I presume most of the young fellows in Minnesota are at training camps. When Uncle Sam gets a couple of million soldiers over here, he sure will raise havoc with the Huns." This letter was written July 1st, and since that time Roy's prediction has been fulfilled in a very satisfactory manner.

* * *

Walter Sheridan, Camp Hill, Newport News, Virginia, tells of a trip from Florida to Virginia. "The Red Cross reveals its noble work on every hand. A typical example of its generosity was shown at Raleigh, North Carolina, where we were met by the

Red Cross who had erected a large shower bath house for the soldiers enroute. After a shower bath which was indeed invigorating after a ride on the troop train, we were treated royally to a big feast of melons, a sumptuous spread, one which made Sammy dance for joy.

"The boys are awaiting the trans-Atlantic trip in high expectancy. As to me, I consider it a privilege to be able to go over there. There are thousands only too willing to go but who are too old. Further, it is an opportunity to show our nation our appreciation of the right to live as free men under a free government.

"My closing wish is for the success of the Northwest School in the building up of the Red River Valley, not alone farming, but in making noble men and women."

* * *

Harold Borge in France, August 6: "It was a great pleasure for me to read the many letters in the Northwest Monthly from the other boys. I am a member of the Medical Corps and am now located near the front where we can hear the cannon like a coming thunder storm in the distance.

"I will never forget the first days that I spent up in the front in the first line trenches. We did not have any regular dugouts to sleep in as in former days and not anything worth calling a trench, as the Germans had advanced many miles from their own trench lines, and were waging what was called open warfare. It became necessary for each man to dig a small hole in the ground for his own protection.

"My partner and I had one big enough for us both. It was about two feet deep, with some wood piled on top to protect us from pieces of shrapnel that were flying around. In the evening when we had crawled into our den, lying side by side, we would reason with ourselves about our dugout. Then the enemy would send over about ten or twenty three-inch shells which would explode all around us, sending pieces which would hit the brush near where we were lying. Now and then the shells would sweep so close down over our dugout that we expected every minute to be blotted out.

"We were called on to carry wounded men to the rear during the course of the battle.

"I wish to send my best wishes and greetings to the Northwest School of Agriculture and to all the boys there that I used to know, and if it should be our lot to be numbered with the men who will be hid and forgotten here in French soil, yet we know we have done our bit to make our country free and fit to live in."

* * *

Walter Peterson, United States Naval Air Station, Pauillac, Gironde, France, July 5. "At the time of writing this I am in mid-ocean France-ward and very eager to get across. My emotions were mingled when we left port and turned our faces eastward. It was hard to leave, but at the same time there was a feeling of gladness and expectancy.

SUBSCRIBE FOR ONE SHARE IN THE LIVE STOCK BUILDING.

"It was surely good to see France and still better to land and feel the solid earth under foot again. The Frenchers cheered and threw flowers at us as we marched through the streets. I caught one expression, Long live America.

"The air station in which I am stationed is thirty miles from Bordeaux. I was fortunate enough to be granted liberty at Bordeaux before becoming completely 'busted.' We saw the Public Gardens and the ruins of the Palais Gallien which was once a Roman circus. Later we went to see the St. Andre and St. Michael churches and found them to be very beautiful buildings with a great many paintings and a lot of beautiful statuary.

"I spent the 4th of July at Pauillac where there were races, tugs of war and boxing bouts all afternoon. In the evening there was a patriotic meeting and movie at the village opera house which was crowded to capacity with men in navy blue and in khaki. It reminded me very much of the Saturday evening programs at the Agricultural School, but there was a seriousness about it which one could not find at the school. Under the circumstances we had a very enjoyable time. Upon my way back to the barracks I couldn't help but ask myself one question and that was what have the folks been doing today? That yet remains to be answered, but I hope to receive a letter with all the news soon."

HONOR ROLL.

Herbert V. Anderson, 75 Company, 6 Regiment, U. S. Marines, A. E. F., France.

Raymond Anderson, Park Battery C., Army Artillery Park, C. A. C., Presidio of San Francisco, Cal.

Charles Auburg, Company D. 33 Engineers, A. E. F., France.

William R. Austin, Company H. 129 Infantry, American Exp. Force, via New York.

Robert E. Ball, U. S. Ship Maumee, care Postmaster, N. Y. City.

Martin Bang, Co. I. 348 Inf., N. A., Camp Pike, Ark.

Ingmar Berner, Navy.

Richard A. Billings, 10 Engineers, 1st Detachment, Forestry Service, A. E. F., France, via New York.

Robert M. Billings, 314 Sanitary Train, 356 F. H. Company, Camp Funston, 89 Division, Fort Riley, Kansas.

Emil Bjelland, Company K, 54 Pioneer Inf. U. S. A., A. E. F. via New York City P. O.

Albert Bjorsness, Troop B. 314 Car., Fort Bliss, Texas.

Olaf Boness, 26 Co. C. A. C., Fort Winfield Scott, Cal.

Harold Borge, 16th Ambulance Company, Regular Army, 2nd Division, American Exp. Force, France.

Martin Breiland.

Conrad Clementson, Medical Corps, 115 Sanitary Train, 158 Ambulance Company, Camp Kearny, California.

Clarence Cornelius.

Albert O. Dahle, Battery F. 17 F. A., A. E. F., France.

Severt Dahl, Co. A. 42 Engineers, A. E. F. via New York.

Martin Dale.

George A. Davids, Company L 3 Reg. Engineers, Camp A. A. Humphrey, Va.

Thomas H. Davids, Company 5, Puget Sound Navy Yard, Bremerton, Washington.

NORTHWEST EXPERIMENT STATION NOTES CROOKSTON, MINNESOTA

A regular department of "The Northwest Monthly" devoted to farm problems, conducted by members of the staff.

STATION STAFF:

C. G. Selvig, Superintendent.
C. E. Brown, Poultry.
A. M. Foker, Farm Buildings, Drainage.
T. M. McCall, Horticulture, Potatoes, Root Crops.
H. S. Records, Home Projects, Pure Seed Distribution.
E. J. Thompson, Live Stock.
R. O. Westley, Field Crops, Farm Management.

Herman Ecklund, Headquarters Company, 139 Infantry, A. E. F., via New York.

Otto Eidsmo, 118 Inf. Co. G., American Exp. Force.

Anton Enge.

William Espe, Barrack K, 101, S. M. A., Austin, Texas.

Lieut. Walton C. Ferris, Talliaferro Field, Hicks, Texas.

Fred Fredrickson, Sergeant, Co. F., 352 Inf. A. E. F.

Joseph Gamme.

Henry Gibson, 7th Company, C. A. C., Fort Caswell, N. Car.

Robert E. Gilbert, 8111907, 47 Batt. War Hospital Bath, Alberta, Reg. Depot, Bramshott, Eng.

Willard Grady, Navy.

Harold H. Grandy, 2nd Casual Company, A. S. S. C., Vancouver, Wash.

John Green.

Carl Grothe, Co. I, 132 Inf., American Exp. Force, via New York.

Bernt Hagelle, M. G. Co., 59 Inf., 4th Division, A. E. F.

Christian Hagen.

Murray A. Hales, 494 Aero Squadron, American Exp. Force, 2nd Aviation Production Center, France.

Charles F. Harris, Battery C, 333 Heavy Field Artillery, Camp Robinson, Sparta, Wisconsin.

Ralph Hedley, Dunwoody Institute, Minneapolis, Minn.

Carl Hjelle, Camp Dodge, Iowa.

Oscar Houglum.

Gilbert Huot, Field 2, Warehouse 9, Replacement Battalion, Garden City, L. I., New York.

Private Alfred Hvidsten, 1st Co. Training Detachment, No. 2 N. A., University of Minnesota, Minneapolis.

Nels Hvidsten, France.

Peder Jacobson.

Oscar G. Johnson, Aviation Service.

Norris Johnson, Co. F., 2nd Battalion, 163 Depot Brigade, Camp Dodge, Iowa.

Harold Johnston, Camp Kelly, 49 Aero Squadron, San Antonio, Texas.

Lieutenant Willard Johnston, Inf. Repl. Camp, Co. M. 9 Bn., Camp McArthur, Texas.

Carl Jorgenson, Co. 14, 4 Reg. Public Works, Camp Perry, Great Lakes, Ill.

Gilbert Kittelson, deceased.

Helge Krogseng, Co. B. 304 Battalion, P. C., Camp Colt, Gettysburg, Pa.

Olaf Krogseng, Bat. C. 58 C. A. C., American Exp. Force.

Leander Laliberte.

Arthur Layton, Camp Cody, Deming, N. Mex.

Clarence A. Lee, Company B. Barrack 43, 55 Engineers, A. E. F., France.

Hans Lee, 44th Co., 527 West Camp Grant, Ill., 161 Depot Brigade.

Albert Lien, Navy, Great Lakes, Ill.

Carl Lindberg, Headquarters Company, Reg't Band, 54th Pioneer In-

fantry, U. S. A., American Exp. Force, via New York City Postoffice.

Stephen T. Lovcik, Batt. E. 14 F. A., Fort Sill, Oklahoma.

Oscar A. Lundin, Co. 19, 5 Battalion, 166 Depot Brigade, Camp Lewis, Wash.

Jack D. Lyngholm, M. G., Co. 164 Inf., American Exp. Force, A. P. O. 714.

Leroy Lytle, Sergeant, 125 U. S. Army, Field Artillery, Camp Cody, Deming, New Mexico.

Gilman Maltrud, 164 Inf. Band, Headquarters Company, France.

Arthur Mark, S. 2 C., U. S. Naval Aviation Station, Pauillac, Gironde, France, care Postmaster, New York.

Harold McMillan, F. Troops, 8th Cavalry, Fort Hancock, Texas.

Robert W. Meighen, Kelly Field, Texas, Field 1, Line 132.

Alfred J. Nelson, Corp., Machine Gun Co. 2nd Inf., Fort Schafter, Hawaii.

Arne E. Nelson, R. N. C. V. H. M. T., Mairx King, Portsmouth, England.

Peter Nelson, Pitt, U. Training Detachment, Pittsburg, Pa.

Peter Ness, Co. 3, Detachment No. 1, University of Minnesota, Minneapolis, Minnesota.

Carl E. Olson, Camp Wadsworth, S. Car.

Wagoner Albin Peterson, No. 823083, Truck Co. C. Army Artillery Park C. A. C., Army Post Office 753, American Exp. Force, France.

Walter Peterson, Sea 2 C., U. S. Naval Air Station, Pauillac, Gironde, France, care Postmaster, New York.

Private Henry N. Qualley, Marine Detachment, Radio Station, Sayville, Long Island, New York.

Private Sam Roningen, Co. E. 327 Inf., American Exp. Force.

Luther Roed, Kelly Fields, San Antonio, Texas.

E. F. Rossberg, Ordnance Department, 125 U. S. Artillery, care Supply Company, Camp Cody, Deming, N. Mex.

Edward Rud, Co. I. 352 Inf., 88 Division, American Exp. Force.

Henry Rud, Battery C. Army Artillery Park, Presidio of San Francisco, Cal.

Wilhelm Rud, 36 Co. C. A. N. A., West Coast Presidio, San Francisco, Cal.

Randolph Saugstad, Co. C. 3 Reg. Eng., Camp Humphrey, Virginia.

Harold Schuck, Waco, Texas.

Walter Sheridan, No. 772705, Supply Co., No. 326, H. 33, Camp Hill, Newport Hills, Virginia.

Ole Skaar, Co. 7, 2nd Provisional Recruiting Regiment, Camp Logan, Houston, Texas.

Elvin Sillerud.

Magnus Spjut, Medical Supply Depot, Camp Stuart, Newport News, Va.

Martinus Stenseth, Aviation Section Signal Corps, American Exp. Force, care Wells, Fargo and Company, 4 Rue Scribe, Paris, France.

Cecil R. Stow, Organization Park, Q. M. C. N. A., Base Section No. 1, American Postoffice 701, American Exp. Force, 784,793.

William Street, Aviation Section, Camp Perry, Ill.

Roy Sundberg, Co. A. 5 Battalion, 20 Engineers, N. A., A. E. F., France, via New York.

Carl Sunmark.

Harold B. Tangjerd, 5th Co. Recruit Detachment, Fort Caswell, N. Car.

BUY FOURTH LIBERTY BONDS!

William Thorkelson, Co. A. 2nd Corps Rec. St., 33rd Division, American Exp. Force, France.
 Thorval Tunheim, Headquarters Co. Band, C. O. C. U. S. Army Training Detachment No. 2, Indianapolis, Indiana.
 Alfred Ulvan.
 Eddie Underdahl, France.
 Ole J. Vigstol, Co. F. 348 Inf., Camp Pike, Ark.
 Harold Walland.
 Lloyd A. Willcox, 22 Co., 1st Reg., U. S. M. C., Philadelphia, Pa.
 Edgar Wold.

FARM BUREAU NOTES.

The supervisor's reports on county agent and farm bureau work of the northwest district for July has just been received from W. E. Morris. It is very interesting and shows that a tremendous work is being done to stimulate war time agriculture. Three big projects were given universal attention,—labor, weed eradication and cereal disease.

LABOR—The services of the towns people were enlisted throughout the valley to put in extra hours in the fields after regular business hours. This call everywhere met with patriotic response and "shock troops" thus organized saved the day for many a farmer. Threshers meetings were held to consider what farmers and threshermen might do from the time the grain was ripe until it was threshed to save all grain possible. In considering a price for threshing, the threshermen gave data on the costs of 1917 threshing. These data were compiled by counties and returned to the threshing committee of that county. These figures were considered as a basis and enough was added to cover increased costs for this year.

SOW THISTLE CONTROL—The sow thistle is being recognized as the great weed menace and serious measures are being taken to control it.

"Sow Thistle control in the Northwest District is progressing satisfactorily. The farmers are accepting the work in good spirit. The weed control work in other counties differs from that in Clay county in that the county agent must assume responsibilities which correspond to that given by law to the weed inspector. The plan is to work through committees. Communities will be asked to adopt certain systems of control for the sow thistle, and the law will be used to enforce the control of this weed on the farms of those who will not cooperate voluntarily.

SMUT—Careful smut surveys were made throughout the counties of the northwest district. Reports indicate that smut had caused a damage varying on different farms quite generally throughout the counties from nothing to 10% and 12%. These surveys will result in smut treatment demonstration next year.

Other projects that have received serious attention are potato culture and canning. Many demonstrations have been conducted.

EIGHTH ANNUAL FARM CROPS SHOW.

The eighth annual farm crops show will be held the week of February 10. It will be bigger and better than ever. Committees are being organized to

FARM BUREAU NEWS

Northwestern Minnesota District

W. E. MORRIS, District Leader
 University Farm, St. Paul

COUNTY AGRICULTURAL AGENTS

- | | |
|------------|----------------------------------|
| Becker | H. A. Nelson, Detroit |
| Clay | A. C. O'Banion, Moorhead |
| Clearwater | E. H. Martin, Bagley |
| Kittson | W. V. Longley, Hallock |
| Mahnomen | Victor Dryden, Mahnomen |
| Marshall | John Huseby, Warren |
| Norman | Henry P. Brandt, Ada |
| Ottertail | J. V. Bopp, Fergus Falls |
| Pennington | Ross P. White, Thief River Falls |
| Folk | R. H. VanScot, Crookston |
| Red Lake | C. C. Lake, Red Lake Falls |
| Roseau | Oscar M. Olson, Roseau |
| Wilkin | L. S. Stallings, Breckenridge |

have charge of the various divisions of the work which include the farm crops exhibit, the exhibit of grain grown by the pure seed cooperators of the Northwest Experiment station, the exhibit of potatoes promoted by the Red River Valley Growers Association and exhibits made by boys and girls club contestants.

A new feature will be the live stock exhibit which it is planned to hold in the building that will be constructed this fall. It is expected that there will be three or four hundred head of stock exhibited which include pure bred stock of all breeds. Sales will be held every day. These will be attended by prospective purchasers from all of Minnesota, North and South Dakota. In addition the live stock judging contest will be a feature of the week.

The annual poultry show will be held under the direction of the Northern Minnesota Poultry Association. This affair is growing in size and importance every year. This speaks highly for the development of this poultry industry.

Another important division of the work will be the exhibit of farm implement and devices. This has grown every year until it has been found necessary to secure additional space. The importance of farm machinery, gasoline engines and labor-saving devices was never greater than at the present time when labor must be economized. This department will therefore be an outstanding feature of the 1919 Farm Crops Show.

A new department will be the division showing war work activities. Prominent in this will be the women's food conservation section, the Red Cross section, United States government exhibit, and the war work poster exhibit.

As a climax to the entire week's activities will be the daily afternoon and

evening program of addresses. Dr. George E. Vincent of New York City will speak on the evening of Tuesday, February 11, followed by Brooks Fletcher off Marion, Ohio, on the 12th and 13th. On the evening of the 14th President Marion L. Burton of the University of Minnesota will give an address. In addition it is hoped to have Duncan Marshall of Alberta present to dedicate the live stock building, as well as eminent men and women who will give messages of inspiration and value to our people.

THE IMPORTANCE OF EARLY ATTENTION TO CLEANING AND REPAIRING OF THE POULTRY HOUSE.

C. E. Brown.

The old adage, "A stitch in time saves nine," is quite applicable to the poultry keeper, especially at this time of year when his thoughts should turn towards the consideration of the welfare of his chickens for the coming winter. Early attention to the matter of cleaning and repairing the chicken house is important, as it often means the difference between profit and loss at the end of the season.

The first task to perform when commencing to clean and repair the poultry house should be to clean the interior thoroughly. The walls, ceilings, floors and nests should be scraped and brushed, and a good coat of whitewash applied. If the floors are of earth at least two inches of the surface soil should be removed and replaced with fresh earth or sand. If they are of concrete construction they should be washed and scraped. All cracks and crevices especially about the roosting quarters should receive a liberal coat of whitewash. If this work is faithfully performed the poultry keeper should be relieved of considerable worry over the comfort of his fowls the coming winter.

The next task to undertake should be the completion of all necessary repairs to windows and doors and to the interior fixtures of the poultry house. It is of vital importance to the health of fowls that all broken doors and window-lights be repaired before the first expected cold snap arrives. Draughts due to carelessness in this respect are almost always fatal to chickens and diseases as roup and pneumonia are often contracted as a direct result. Let us remember the old saying that an ounce of prevention is worth a pound of cure, and see if the next rainy day cannot be put to good advantage by spending it at the poultry house.

MINNESOTA RED RIVER VALLEY LIVE STOCK EXHIBITORS ASSOCIATION

.....Minn.,.....1918

I, the undersigned.....hereby subscribe and agree to pay to the order and on demand of M. E. Dahl, Treasurer, Twin Valley, Minnesota, the sum of..... Dollars, \$.....for.....shares of stock in the

MINNESOTA RED RIVER VALLEY LIVE STOCK EXHIBITORS ASSOCIATION

Name..... Address.....

Mail or hand to a member of your County Committee, or to anyone of the General Committee.

ALL TOGETHER FOR THE LIVE STOCK BUILDING.